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HOPE COLLEGE

OFFICIAL PUBLICATION



Annual Bulletin

VOLUME EIGHTY-SEVEN

1 9 4 9

DIRECTIONS FOR CORRESPONDENCE

**Concerning ADMISSIONS, FEES, SCHOLARSHIPS,
REQUESTS FOR LITERATURE, address Mr. A.
H. Timmer, Director of Admissions.**

**Concerning the WELFARE OF WOMEN STUDENTS
AND WOMEN'S HOUSING, address Miss Emma
Reeverts, Dean of Women.**

**Concerning the WELFARE OF MEN STUDENTS AND
MEN'S HOUSING, address Mr. Milton Hinga,
Dean of Men.**

**Concerning TRANSCRIPTS OF RECORDS, address Mr.
Paul E. Hinkamp, Registrar.**

**Concerning PAYMENT OF FEES OR TRANSACTION OF
BUSINESS IN CONNECTION WITH STUDENT
ACCOUNTS, address Mr. Henry Steffens,
Treasurer. All checks should be made pay-
able to the Treasurer, Hope College.**

HOPE COLLEGE BULLETIN

GENERAL CATALOGUE NUMBER
1948-1949

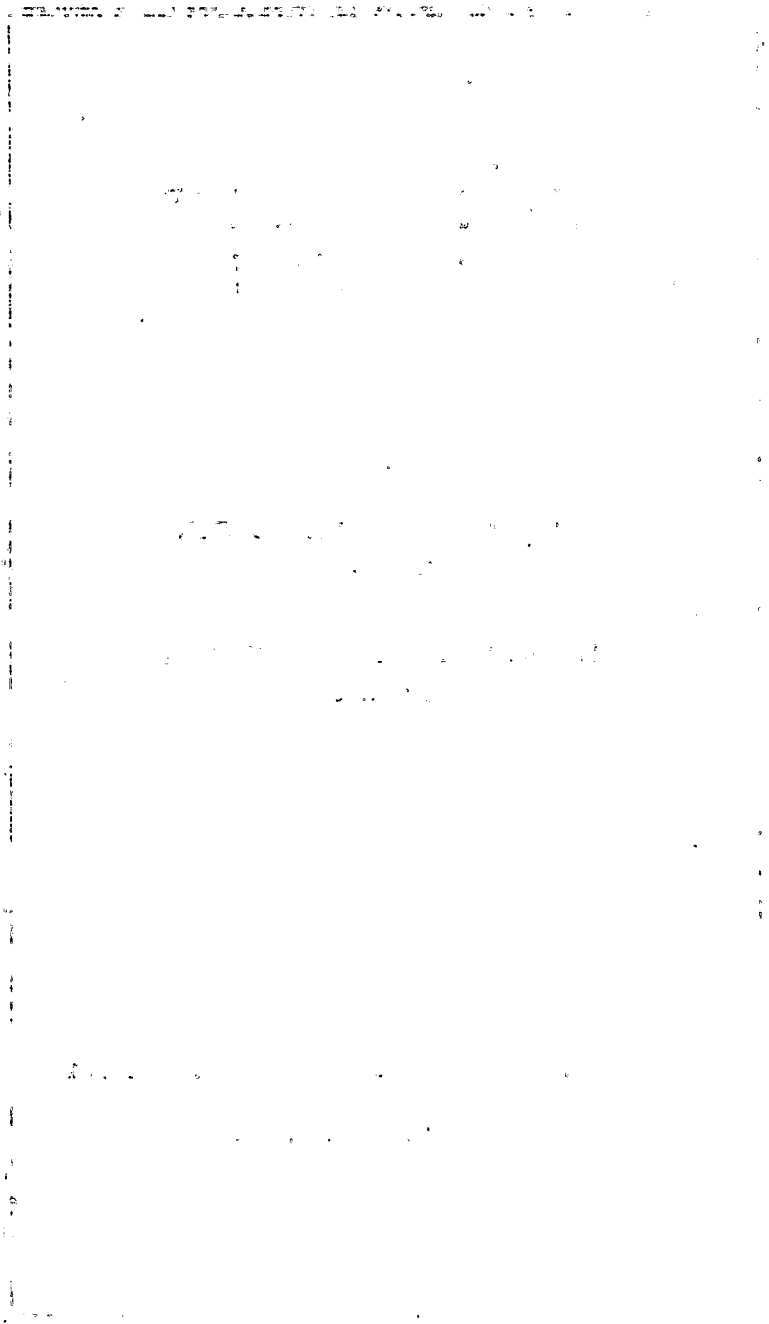
ANNOUNCEMENTS FOR THE YEAR
1949-1950

VOLUME 87

FEBRUARY, 1949

NUMBER 1

HOLLAND, MICHIGAN



FOREWORD

HOPE COLLEGE is a church-related liberal arts college, founded and maintained by the Reformed Church in America for the higher education of its constituents and of all others who subscribe to its principles and are accepted as students.

Hope College is not colorless in its belief that the Christian religion is central to all true education. It holds that its duty and obligation is to help the Christian Church redeem the world to Christ. It believes with Dr. Robert Kelley that "mankind has not yet discovered a more worthy instrument of progress than a thoroughly Christian College." The motto of Hope College, engraved on its seal, is "Spera in Deo" — Hope in God.

As a liberal arts college, Hope College offers a curriculum designed to introduce the student to the whole field of human knowledge and culture, to bring him to the realization of the problems and responsibilities facing him as a Christian world citizen, and to direct him toward the acceptance and performance of his duties in the world today. The curriculum is based on a four-year program leading to the Bachelor of Arts Degree.

With its student enrollment limited to approximately twelve hundred, Hope College seeks to foster close contact and intimacy between students and faculty, and to promote a sense of unity and cooperation in the college community; for it believes that these characteristics are among the distinctive advantages of the smaller liberal arts college. The student body is cosmopolitan rather than local. A large number of students come from New England and Middle Atlantic states, and a smaller number from the far West and from other parts of the United States. A number of foreign students add further to the diversity of environmental background, which serves to enrich the experience of all the students.

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PART I

COLLEGE CALENDAR

BOARD OF TRUSTEES

ADMINISTRATION AND MAINTENANCE

FACULTY

FACULTY COMMITTEES

COLLEGE CALENDAR

1948-1949

1948

September 13-15	First semester registration
September 15	Annual Convocation—9:00 a. m.
September 16	Y. Beach Party—4:00 p. m.
September 18	Classes begin
	W.A.L. Tea for new women students
	Faculty reception for new students— 8:00 p. m.
October 2	Pan-Hellenic Round Robin Tea
October 29-30	Homecoming weekend
November 22	Nykerk Cup Contest
November 23	Hope College Orchestra Concert
November 24	Thanksgiving recess begins—4:00 p. m.
November 29	Thanksgiving recess ends—8:00 a. m.
December 10	All-College Christmas Party—8:00 p. m.
December 14	Messiah—8:00 p. m.
December 17	Christmas recess begins—12:00 M.

1949

January 4	Christmas recess ends—8:00 a. m.
January 12-13	Palette and Masque play
January 21-22	Registration for second semester
January 24-29	Semester examinations
February 1	Second semester classes begin
February 7-11	Religious Emphasis Week
February 17	Hope College Orchestra Concert
March 11	All College Sing
March 17	Hope College Band Concert
April 1	Spring recess begins—4:00 p. m.
April 12	Spring recess ends—8:00 a. m.
May 5	Hope College Orchestra Concert
May 10	Voorhees Day
May 13	May Day
May 17	Faculty Honors assembly—8:00 a. m.
May 18-19	Palette and Masque play
May 24	Honors assembly
May 27-June 3	Semester examinations
June 5	Baccalaureate Service—7:30 p. m.
June 7	Alumni Convocation—6:30 p. m.
June 8	Annual Commencement—7:30 p. m.
June 20	Summer session begins
July 29	Summer session ends

COLLEGE CALENDAR

1949-1950

September 19-20	First semester registration
September 21	Annual Convocation—9:00 a. m.
September 22	Classes begin
November 21	Nykerk Cup Contest—7:30 p. m.
November 23	Thanksgiving recess begins—4:00 p. m.
November 28	Thanksgiving recess ends—8:00 a. m.
December 16	Christmas recess begins—12:00 M.

1950

January 3	Christmas recess ends—8:00 a. m.
January 27-28	Second semester registration
January 30—February 4	Semester examinations
February 7	Second semester begins
March 31	Spring recess begins—4:00 p. m.
April 11	Spring recess ends—8:00 a. m.
May 9	Voorhees Day
June 5-10	Semester examinations
June 11	Baccalaureate Service—7:30 p. m.
June 13	Alumni Convocation
June 14	Commencement
June 26	Summer session begins
August 4	Summer session ends.

COMPARATIVE CALENDAR

1948

JULY

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THE COLLEGE CORPORATION

THE BOARD OF TRUSTEES

Ex Officio, The President of the College

IRWIN J. LUBBERS, Ph.D., LL.D., Litt.D.

OFFICERS OF THE BOARD

<i>President</i>	JOHN A. DYKSTRA, D.D.
<i>Vice President</i>	JACOB PRINS, D.D.
<i>Secretary</i>	BASTIAN KRUITHOF
<i>Treasurer</i>	HENRY STEFFENS

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GERRIT HEEMSTRA	Pompton Lakes, New Jersey
EVERT KRUIZENGA	Fort Plain, New York
WILLIAM TIMMERS	Grand Rapids, Michigan
HENRY WINTER	Holland, Michigan

Term Expires in 1950

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GERRIT RIENTJES	Leota, Minnesota
GEORGE MUYSKENS	Baldwin, Wisconsin
HENRY HUENEMANN, D.D.	Dell Rapids, South Dakota
BASTIAN KRUITHOF	Holland, Michigan
JOHN BENES	Holland, Michigan
JOHN W. VER MEULEN	Racine, Wisconsin

Term Expires in 1951

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HARRY J. HAGER, D.D.	Chicago, Illinois
WILLIAM JANSEN	Chicago, Illinois
HENRY KIK	Chicago, Illinois
JACOB DE JONG	Sonoma, California
ROGER VERSEPUT	Grand Rapids, Michigan
WYNAND WICHERS, LL.D., Litt.D., L.H.D.	Kalamazoo, Michigan

Term Expires in 1952

HARRY BROWER

M. DEN HERDER

B. D. HIETBRINK

JACOB PRINS, D.D.

MINO KOOI

JEAN A. VIS

ARTHUR J. BENNINK

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Grand Rapids, Michigan

Corsica, South Dakota

Grand Rapids, Michigan

Fulton, Illinois

Sheldon, Iowa

Pella, Iowa

Term Expires in 1953

MRS. HAROLD BRINIG

WILLIAM VAN'T HOF

MATTHEW PEELEN, M.D.

FRANCES B. SANFORD, LL.D.

RANDALL C. BOSCH

RUTHERFORD G. HUIZENGA

MRS. GEORGE PELGRIM

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Detroit, Michigan

Kalamazoo, Michigan

New York, New York

Holland, Michigan

New York, New York

Holland, Michigan

Term Expires in 1954

JACOB BOERMAN

ALLEN B. COOK

J. N. DYKEMA

TITUS W. HAGER

PETER JOHN KRIEKARD, M.D.

WILLIAM J. SWART

Pekin, Illinois

Indianapolis, Indiana

Muskegon, Michigan

Grand Rapids, Michigan

Grand Rapids, Michigan

De Motte, Indiana

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Peter John Kriekard, M.D.

Irwin J. Lubbers

Wynand Wichers

Jacob Prins

John A. Dykstra

Bastian Kruithof

Mrs. George Pelgrim

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Irwin J. Lubbers, *Chairman*

M. Den Herder

J. N. Dykema

John W. Ver Meulen

Henry Winter

Randall C. Bosch

William Timmers

BUILDING COMMITTEE

William Jansen, *Chairman*

J. N. Dykema

M. Eugene Flipse

William Timmers

John W. Ver Meulen

Randall C. Bosch

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DEAN OF THE COLLEGE (1945)**MILTON LAGE HINGA**A.M. (Columbia)
DEAN OF MEN (1931)**EMMA MARIE REEVERTS**A.M. (Michigan)
DEAN OF WOMEN (1946)**PAUL EUGENE HINKAMP**B.D. (McCormick)
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Director of Alumni Relations (1946)**MARIAN ANDERSON STRYKER**A.B. (Hope)
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TREASURER (1946)**BRUCE MUNSON RAYMOND**Ph.D. (Nebraska)
BUSINESS MANAGER (1925, 1946)

*The figures in parentheses indicate the year in which the person began his service at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.

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DIRECTOR OF DORMITORIES AND DINING HALLS (1946)

FRANK LIGHTHART

SUPERINTENDENT OF GROUNDS AND BUILDINGS (1947)

CHESTER DROOG

MANAGER OF BLUE KEY BOOKSTORE (1947)

ABRAM LEENHOUTS

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COLLEGE PHYSICIAN (1946)

JENNIE SPOELSTRA

A.B. (Hope), R.N.
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MRS. NELL ALDRICH

HOUSE DIRECTOR OF BEACH COTTAGE (1944)

MRS. ELIZABETH DEN HERDER

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MRS. FLORENCE V. FRENCH

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MRS. BERTHA KRONEMEYER

HOUSE DIRECTOR OF VOORHEES HALL (1941)

MRS. ETHEL ROBINSON

HOUSE DIRECTOR OF FAIRBANKS COTTAGE (1947)

MRS. DELLA B. STEININGER

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MRS. HENRY J. ENGELSMAN

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MRS. RICHARD FLAHERTY

SECRETARY IN COUNSELING OFFICE (1947)

MRS. WILLIAM HAAK

CASHIER (1947)

HELEN SANDER

SECRETARY TO PRESIDENT (1947)

MRS. DUANE TELLINGHUIZEN

SECRETARY IN REGISTRAR'S OFFICE (1948)

MRS. DENA V. WALTERS

SECRETARY TO DIRECTOR OF ADMISSIONS (1945)

FACULTY

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Ph.D. (Northwestern), LL.D., Litt.D.
PRESIDENT (1923, 1945)

EDWARD DANIEL DIMNENT

A.M. (Hope), Litt.D., L.H.D., LL.D.
PRESIDENT EMERITUS (1897, 1948)

EDWARD S. AVISON

A.M. (Northwestern)
ASSOCIATE PROFESSOR OF SPEECH (1946)

NORMA BAUGHMAN

INSTRUCTOR IN VOICE (1947)

EUGENE WILBUR BOOT

A.M. (Michigan)
INSTRUCTOR IN ENGLISH (1947)

LAURA ALICE BOYD

A.M. (Missouri)
PROFESSOR OF GERMAN, HEAD OF THE DEPARTMENT OF GERMAN
LANGUAGE AND LITERATURE (1921)

EDWARD E. BRAND

A.M. (Iowa)
ASSOCIATE PROFESSOR OF ENGLISH (1946)

ROBERT WILLIAM CAVANAUGH

Mus.M. (American Conservatory)
ASSOCIATE PROFESSOR OF MUSIC THEORY AND VOICE (1940, 1946)

CLARENCE DE GRAAF

Ed.D. in English (Michigan)
PROFESSOR OF ENGLISH, HEAD OF THE DEPARTMENT OF ENGLISH
LANGUAGE AND LITERATURE, DIRECTOR OF COUNSELING (1928)

HENRY P. DE PREE

M.Th. (Princeton Theological Seminary), D.D.
ASSOCIATE PROFESSOR OF RELIGIOUS EDUCATION (1948)

RUSSELL B. DE VETTE

A.M. (Michigan)
INSTRUCTOR IN PHYSICAL EDUCATION (1948)

D. IVAN DYKSTRA

Ph.D. (Yale)
PROFESSOR OF GREEK (1947)

ERNEST E. ELLERT

Ph.D. (North Carolina)
ASSOCIATE PROFESSOR OF GERMAN (1947)

JAY ERNEST FOLKERT

A.M. (Michigan)

ASSISTANT PROFESSOR OF MATHEMATICS (1946)

HARRY FRISSEL

M.S. (Iowa State)

ASSOCIATE PROFESSOR OF PHYSICS (1948)

CLYDE H. GEERLINGS

A.B. (Hope)

ASSISTANT IN PHYSICS AND MATHEMATICS, DIRECTOR OF PUBLIC RELATIONS (1946)

LARS I. GRANBERG

A.M. (Chicago)

ASSISTANT PROFESSOR OF PSYCHOLOGY (1947)

DIRK GRINGHUIS

ASSISTANT IN ART (1947)

IRENE WADE HARTER

A.M. (Michigan State)

INSTRUCTOR IN SPEECH (1947)

HAROLD JUDSON HAVERKAMP

A.M. (Iowa)

ASSOCIATE PROFESSOR OF PSYCHOLOGY (1946)

ELLA HAWKINSON

Ph.D. (Minnesota)

PROFESSOR OF HISTORY, ACTING HEAD OF DEPARTMENT OF HISTORY (1948)

MARIAN D. HIETBRINK

A.B. (Hope)

ASSISTANT IN LIBRARY SCIENCE (1948)

MILTON LAGE HINGA

A.M. (Columbia)

DEAN OF MEN, DIRECTOR OF ATHLETICS, ASSOCIATE PROFESSOR OF HISTORY (1931)

JANTINA WILHELMINA HOLLEMAN

A.M. (Columbia)

ASSISTANT PROFESSOR OF MUSIC THEORY AND PIANO (1946)

JOHN WILLIAM HOLLENBACH

Ph.D. (Wisconsin)

PROFESSOR OF ENGLISH, DEAN OF THE COLLEGE (1945)

MILTON URBAN JOHNSTON

Mus.M. (Indiana)

ASSISTANT PROFESSOR OF MUSIC THEORY AND PIANO (1946)

HELENE PRISMAN KARSTEN

ASSISTANT IN PIANO (1928)

J. HARVEY KLEINHEKSEL

Ph.D. (Illinois)
PROFESSOR OF CHEMISTRY (1928)

CLARENCE KLEIS

A.M. (Michigan)
PROFESSOR OF PHYSICS, HEAD OF THE DEPARTMENT OF PHYSICS,
(1921)

ALICE LAMMERS

B.L.S. (Wisconsin)
ACTING LIBRARIAN (1947)

ALBERT EUGENE LAMPEN

A.M. (Michigan)
PROFESSOR OF MATHEMATICS, HEAD OF THE DEPARTMENT OF
MATHEMATICS (1918)

DON CARLOS MADRID

A.M. (Princeton)
ASSOCIATE PROFESSOR OF SPANISH (1948)

MARIAN FRANCES MASTENBROOK

A.B. (Hope)
ASSISTANT IN LIBRARY SCIENCE (1946)

NELLA MEYER

A.M. (Columbia)
ASSOCIATE PROFESSOR OF FRENCH (1923, 1945)

MAURICE EUGENE OSTERHAVEN

Th.D. (Princeton Theological Seminary)
PROFESSOR OF BIBLE AND RELIGION (1945)

HAZEL MARGUERITE PAALMAN

Mus.M. (Michigan)
ASSISTANT PROFESSOR OF MUSIC THEORY AND VOICE (1947)

STEPHEN A. PARTINGTON

A.M. (Michigan)
PROFESSOR OF EDUCATION (1948)

ALBERT JAMES PRINS

A.M. (Michigan)
ASSISTANT PROFESSOR OF ENGLISH (1946)

MARGUERITE MEYER PRINS

A.M. (Wisconsin)
PROFESSOR OF FRENCH, HEAD OF THE DEPARTMENT OF FRENCH
(1921, 1937)

EMMA MARIE REEVES

A.M. (Michigan)
ASSOCIATE PROFESSOR OF ENGLISH, DEAN OF WOMEN (1946)

MORRETTE L. RIDER

Mus.M. (Michigan)

ASSISTANT PROFESSOR OF MUSIC THEORY AND INSTRUMENTS (1947)

METTA J. ROSS

A.M. (Michigan)

PROFESSOR OF HISTORY (1926)

HENRY ERNEST SCHOON

A.M. (Hope)

ASSOCIATE PROFESSOR OF GERMAN (1946)

HELEN HABERLAND SCHOON

A.M. (Michigan)

INSTRUCTOR IN EDUCATION (1946)

JOHN H. L. SCHOUTEN

INSTRUCTOR IN PHYSICAL EDUCATION (1918)

WILLIAM SCHRIER

Ph.D. (Michigan)

PROFESSOR OF SPEECH, HEAD OF THE DEPARTMENT OF SPEECH (1939)

MILDRED SCHUPPERT

A.B.L.S. (Michigan)

INSTRUCTOR IN LIBRARY SCIENCE (1936)

ESTHER MACFARLANE SNOW

A.B. (Hope)

ASSISTANT PROFESSOR OF ORGAN AND PIANO (1938)

LOTUS SNOW

Ph.D. (Chicago)

ASSOCIATE PROFESSOR OF ENGLISH (1948)

JENNIE SPOELSTRA

A.B. (Hope), R.N.

INSTRUCTOR IN BIOLOGY (1947)

CHARLES ANDREW STEKETEE

A.M. (Michigan)

ASSISTANT PROFESSOR OF MATHEMATICS (1946)

HENRY TEN HOOR

A.M. (Michigan)

ASSISTANT PROFESSOR OF ENGLISH (1946)

OSCAR EDWARD THOMPSON

A.M. (Cornell)

ASSOCIATE PROFESSOR OF BIOLOGY (1926, 1946)

JAMES UNGER

M.S. (Wisconsin)

INSTRUCTOR IN BIOLOGY (1948)

GARRETT VANDER BORGH

A.M. (Columbia)

PROFESSOR OF EDUCATION (1923)

ALVIN WALLACE VANDERBUSH

A.M. (Michigan)

ASSOCIATE PROFESSOR OF HISTORY AND POLITICAL SCIENCE (1945)

THEODORE L. VANDER PLOEG

Sc.M. (Ohio State)

ASSOCIATE PROFESSOR OF CHEMISTRY (1947)**LOUISE JEAN VAN DOMMELEN**

B.S. (Michigan State Normal)

INSTRUCTOR IN PHYSICAL EDUCATION (1947)

WALTER VAN SAUN

Ph.D. (Cincinnati), B.D. (Bonebrake)

PROFESSOR OF PHILOSOPHY (1929)

GERRIT VAN ZYL

Ph.D. (Michigan)

PROFESSOR OF CHEMISTRY, \HEAD OF THE DEPARTMENT OF CHEM-
ISTRY (1923)**TEUNIS VERGEER**

Ph.D. (Michigan)

PROFESSOR OF BIOLOGY, \HEAD OF THE DEPARTMENT OF BIOLOGY
(1931)**HENRY VOOGD**

Th.D. (Princeton Theological Seminary)

ASSOCIATE PROFESSOR OF SOCIOLOGY (1947)

NORMA WOLCOTT

A.B. (College of Wooster)

INSTRUCTOR IN SPANISH (1948)

EDWARD JOHN WOLTERS

A.M. (Michigan)

ASSOCIATE PROFESSOR OF LATIN (1926)

DWIGHT B. YNTEMA

Ph.D. (Michigan)

PROFESSOR OF ECONOMICS, HEAD OF THE DEPARTMENT OF ECO-
NOMICS AND BUSINESS ADMINISTRATION (1946)**JOSEPH ZSIROS**

Th.D. (Debrecen, Hungary)

VISITING PROFESSOR OF BIBLE (1947)

DANIEL J. ZWEMER

A.B. (Hope)

INSTRUCTOR IN ACCOUNTING (1945)

SPECIAL INSTRUCTORS

CHARLES E. DREW

B.S. (Hanover)
BUSINESS ADMINISTRATION (1947)

MARGUERITE HADDEN

A.B. (Hope)
SOCIOLOGY

CAROLYN HAWES

A.M. (Minnesota)
DIRECTOR OF ELEMENTARY PRACTICE TEACHING (1934)

JOHN HUFF

A.B. (Hope)
CHEMISTRY (1948)

ADRIAN KLAASEN

Ph.B. (Chicago)
BUSINESS ADMINISTRATION (1947)

BASTIAN KRUTHOF

A.M. (Michigan)
BIBLE (1942)

LOUISE S. KRUM

B.S. (Western Michigan)
ART

JOHN E. KUIZENGA

M.A. (Michigan), D.D. (Hope)
BIBLE (1948)

HENRY MAENTZ

A.B. (Michigan)
BUSINESS ADMINISTRATION (1948)

RICHARD MARTIN

A.M. (Michigan)
MATHEMATICS (1934)

WENDELL MILES

LL.B. (Michigan)
BUSINESS ADMINISTRATION (1947)

CRITIC TEACHERS

The observation and practice teaching of students is done under the supervision of selected teachers in the Holland and Public School system.

FACULTY COMMITTEES

The President and the Dean of the College are members ex-officio of all committees.

ADMINISTRATIVE

Lubbers (Chairman), Hollenbach, Boyd, De Graaf, Hawkinson, Hinga, Hinkamp, Kleis, Lampen, Raymond, Reeverts, Timmer.

EDUCATIONAL POLICIES

De Graaf (Chairman), Hollenbach, Cavanaugh, Ellert, Haverkamp, Hawkinson, Lammers, Lampen, M. Prins, Ross, H. H. Schoon, Schrier, Vander Borgh, Van Zyl, Vergeer, Yntema.

STUDENT DIRECTION

Boyd (Chairman), Hollenbach, Avison, Boot, Brand, Hinga, Holleman, Kleinheksel, Madrid, Osterhaven, Reeverts, Schuppert, Spoelstra, Ten Hoor.

CHAPEL

Osterhaven (Chairman), De Pree, Dykstra, Harter, Hinga, Johnston, Paalman, Partington, Reeverts, H. E. Schoon, E. Snow, Van Saun, Voogd.

LIBRARY

Meyer (Chairman), Frissel, Granberg, Hietbrink, Karsten, Lammers, Mastenbrook, L. Snow, Thompson, Wolcott, Wolters.

ATHLETIC

Kleis (Chairman), De Vette, Hinga, J. Prins, Rider, Schöuten, Steketee, Unger, Vanderbush, Vander Ploeg, Van Dommelen.

ADMISSIONS

Timmer (Chairman), Lubbers, Hinga, Hinkamp, Hollenbach, M. Prins, Reeverts, Vander Borgh.

PART II

HISTORY AND ORGANIZATION

STANDARDS AND AIMS

CAMPUS AND BUILDINGS

SPECIAL SERVICES

STUDENT ACTIVITIES

ALUMNI ASSOCIATION

HISTORY AND ORGANIZATION

In 1848 the General Synod of the Reformed Church in America approved the recommendation of the Special Committee on the State of the Church which urged that "an institution of high order for classical and theological instruction under our patronage as long as necessary be established." One year before this a party of religious immigrants had settled in the wilderness on Black Lake and had founded the town of Holland. In that one year the colonists from the Netherlands had increased in number from fifty-three to four thousand. Under the leadership of Reverend A. C. Van Raalte the plans for an educational institution were soon realized. In 1855 an academy was established under the principalship of Walter T. Taylor.

To the first report of Principal Taylor to the General Synod was appended a statement by Rev. Van Raalte, containing the sentence, "This is my anchor of hope for this people in the future." This statement, as simple as it is felicitous, gave the name Hope College to the institution and led to the selection of the anchor as its seal. At first the academy provided instruction only at the secondary level, and the plan of collegiate education was not put into action until 1862, when the first freshman class was organized. In 1866 Hope College was incorporated and Rev. Philip Phelps, D. D., was inaugurated as the first President. In that same year the first class of eight was graduated.

There have been seven presidents of Hope College as follows:

PHILIP PHELPS	1866-1885
CHARLES SCOTT	1885-1893
GERRIT J. KOLLEN	1893-1911
AME VENNEMA	1911-1918
EDWARD D. DIMNENT	1918-1931
WYNAND WICHERS	1931-1945
IRWIN J. LUBBERS	1945-

The governing body of Hope College is the Board of Trustees, consisting of forty-two members, including the President of the college. They are selected in the following manner: nine are selected by the General Synod of the

x Provisional Presidents

Biles H. Mandeville - 1878-1880

Charles Scott - 1880-1885

Reformed Church in America, five by the Board of Trustees, and the remainder by the various classes or particular synods of the Reformed Church. They hold office for six years and are the regularly constituted corporation under which the college acts.

STANDARDS AND AIMS

STANDARD OF FAITH

From the beginning of its history, Hope College has been an avowedly Christian College, offering a liberal arts education on an evangelical basis, according to the historic Christian faith. Its continuing purpose is to provide an atmosphere to which parents who desire to maintain the fundamentals of the Christian faith will readily entrust their children.

The following statement of faith expresses the foundation on which Hope College was established and for which it stands. Desiring to maintain the "faith of our fathers" the Board of Trustees of Hope College reaffirms that faith in the following affirmations.

We believe in:

1. The Scriptures of the Old and New Testament as fully inspired of God, as infallible, and as the supreme and final authority in faith and life.
2. One God, Almighty, Maker of Heaven and Earth, eternally existent in three persons, Father, Son and Holy Spirit.
3. Jesus Christ as the only begotten Son of God, Who was conceived by the Holy Spirit, born of the Virgin Mary, true God and true man, Who suffered and died for our sins, is risen, ascended and coming again, personally, in power and glory.
4. The present ministry of the Holy Spirit, by Whose ministry men are brought to a saving knowledge of Jesus Christ, and by Whose indwelling Christians are enabled to live a godly, Christlike life.

5. The Church of Jesus Christ, holy and invisible, the communion of the saints, and the spiritual unity of all believers in the Lord Jesus Christ.
6. The forgiveness of sins, through the shed blood of Jesus Christ, Who "died for our sins according to the Scriptures and rose again for our justification."
7. The bodily resurrection of the just and the unjust; they, who, by faith, are in Christ, unto the resurrection of life; they, who, by unbelief, are apart from Christ, unto the resurrection of condemnation.
8. The practical application of these truths, which are not only a sacred trust to be preserved and taught, but lived and practiced as well.

AIMS AND OBJECTIVES

On the basis of this faith, Hope College seeks to provide and maintain, for the Reformed Church in America, her students, alumni and friends, a fully accredited liberal arts program on a distinctively evangelical, Christian basis, through a faculty whose faith is in Jesus Christ and whose practices harmonize with His teachings. It is its aim and purpose, therefore:

1. To develop Christian character, nurturing and strengthening faith in God, in Jesus Christ as God's Son and only Saviour and Lord, and in the Bible as the inspired Word of God, our only rule of faith and practice.
2. To provide a Christian atmosphere, culture and education that will undergird, strengthen and support those basic Christian principles taught and practiced in the Christian home and church, that will help the student to develop a Christian philosophy of life, and that will strengthen him in the practice of that philosophy.
3. To encourage cooperative participation in group life as a valuable social experience for the development of Christian living and Christian leadership.

4. To train the whole of man for the whole of life and to send forth well-informed, consecrated Christian leaders into every walk of life.
5. To introduce the student to the organized fields of learning, interpreted through the Christian, theistic view of the world, man and his culture, based upon revealed truth as presented in the Word of God, so that he will further develop a proper sense of values.
6. To build strong bodies, through physical training, acquainting the student with the principles of hygienic living and developing interests and habits conducive to physical, mental and spiritual health.
7. To train the student in understanding and evaluating the thoughts of others and in expressing his own thoughts clearly and effectively.
8. To provide the student with intensive concentration in one field of learning and with the techniques of research which are ordinarily associated with that field, so that he will be adequately prepared to take his place in graduate schools or directly in his chosen vocation or profession.
9. To arouse a keen awareness of the power of the unseen, spiritual forces in the world and their importance in the total pattern of living.
10. To raise the standards of its teaching so that its faculty will constantly improve in scholarship and ability.

ACADEMIC STANDING

Hope College is fully accredited by both the Association of American Universities and the North Central Association of Colleges and Secondary Schools. It maintains membership in the American Council on Education, the Association of American Colleges, and the National Conference of Church-related Colleges. Hope graduates are admitted to the leading graduate and professional schools.

COLLEGE REGULATIONS

A student's application for admittance to Hope College implies his acceptance of the purposes and regulations of the college, and his readiness to conduct his social and academic activities in harmony with the principles and rules of the college. The college reserves the right to require the withdrawal of any student at any time if the general welfare, in its opinion, seems to demand such action.

The following basic regulations of the college are designed to contribute to the welfare of each student and of the college as a whole.

1. Devotional services in the Memorial Chapel are held each school day. These services minister to the spiritual growth of the student and serve as a unifying force among the student body. Each student is required to attend these daily devotional periods.
2. To increase the student's understanding of the Christian religion, one course in the department of Bible and Religion is to be taken by every student each year that he is in residence at Hope College.
3. Students are expected to attend public worship each Sunday at churches of their choice.
4. The college opposes drinking, gambling, and hazing in all forms. Offending students will be subject to discipline.
5. In terms of its esteem for fine womanly qualities, the college discourages the use of tobacco by women students.
6. All women students not residing in Holland or living, by consent of the Dean of Women, with near relatives are required to room in the women's residence halls.

A handbook entitled *Hope Hi-Lites*, which is published each year, contains other detailed regulations with which the student is expected to become acquainted.

CAMPUS AND BUILDINGS

LOCATION

HOPE COLLEGE is located at Holland, a city of seventeen thousand, in the western part of Michigan on Lake Macatawa, which is a bay of Lake Michigan. The Chesapeake and Ohio Railroad affords direct connections with the leading cities east and west. Grand Rapids is located twenty-five miles northeast and is reached by the Chesapeake and Ohio and motor bus lines. Chicago is one hundred and fifty miles to the southwest. Holland is in the heart of Michigan's famous fruit and summer-resort belt.

CAMPUS

The main College campus, containing eighteen acres, lies in the center of the city between Tenth and Twelfth Streets, and College and Columbia Avenues. It presents a finely varied surface, is well shaded with native trees, and is annually improving in beauty and attractiveness. The east college campus, containing seven and one-half acres, lies between Ninth and Eleventh Streets and to the east of Fairbanks Avenue joining the eastern limits of the city of Holland. It is the site of the original home of Dr. Albertus C. Van Raalte, the founder of the city of Holland and Hope College. This portion of the campus was a gift of George Eerdmans to Hope College in 1947.

BUILDINGS

HOPE MEMORIAL CHAPEL was dedicated in 1929. A large and imposing Gothic structure, it is one of the most beautiful college chapels in the country. It has sixteen stained-glass memorial windows and a four-manual Skinner organ. On the first floor are three rooms used exclusively by student religious organizations, and four classrooms used principally by the Religion and Music departments.

THE SCIENCE BUILDING is a three-story brick building of newest design and construction, erected in 1939. It houses the Biology, Chemistry, Physics, and Art Departments, and the dramatics program.

GRAVES LIBRARY AND WINANTS CHAPEL houses the library and the departments of modern foreign languages and Greek. The Library contains a large pleasant reading and reference room, a periodical room, two stack rooms containing forty thousand bound volumes, and work rooms.

VAN RAALTE MEMORIAL HALL contains twenty large recitation rooms and a number of faculty offices. The administrative offices of the college occupy the east side of the main floor. Located on the lower floor are the Coffee Shop, Men's Lounge, and College (Blue Key) Book Store.

CARNEGIE GYMNASIUM, the funds for the erection of which were given by Mr. Andrew Carnegie, was completed in 1906. In 1948 the building was partially remodeled to provide more adequate and up to date facilities for the Physical Education Department and the athletic program.

WALSH MUSIC HALL, located just off the campus on East Ninth Street, contains studios and practice rooms for voice and piano.

GILMORE COTTAGE, located at 103 East Tenth Street, was purchased by the college in 1947. The first floor has been remodeled for offices for the Dean of Women.

COLLEGE HEALTH CLINIC, 132 East Twelfth Street, contains the offices of the college physician and the college nurse. It also has two infirmary wards, one for men and one for women, and offers medical care to all Hope students.

WOMEN'S RESIDENCE HALLS

Women students who are not residing at home must live in the residence halls that are on or adjacent to the campus. There are six women's residence halls, each with an apartment suite for a house director, and all under the general supervision of the Dean of Women.

ELIZABETH R. VOORHEES HALL, the largest women's residence hall, provides accommodations for ninety women students, usually Seniors and Sophomores. It also contains a dining hall with a capacity of two hundred.

During the school year of 1925-1926, a group of women connected with the Synod of Chicago organized the college Women's League. This League has been most generous in improving the appointments and furnishings of Voorhees Hall:

VAN VLECK HALL, the historical first building on Hope's campus, was completely rebuilt and remodeled in 1942. It now houses forty women students, primarily Juniors. On the ground floor is located the office of Student Publications.

COLUMBIA COTTAGE, formerly the home of the Hope Preparatory School, was remodeled in 1945 into a modern residence hall, adequate for more than thirty women.

BEACH COTTAGE AND FAIRBANKS COTTAGE, formerly the homes of the Emersonian and Fraternal men's literary societies, now accommodate approximately fifty women students.

WEST HALL, formerly Holland's East Junior High School, was leased by the college in 1946 and transformed into a dormitory for Freshmen women. It accommodates approximately seventy women students.

WINIFRED H. DURFEE HALL. This women's dormitory is now under construction. When completed it will house between one hundred and one hundred and fifty women, and will provide dining room facilities for approximately two hundred.

MEN'S HOUSING

Out of town students are housed either in housing facilities owned or leased by the college or in private homes in the section of the city near the campus. The Dean of Men is director of the housing program for men students.

Eighty college men are housed in Zwemer Hall, the men's dormitory of the Western Theological Seminary.

To help Hope College accommodate veterans seeking admission to college after the close of World War II, the National Housing Agency provided residence units that have been erected on the campus. These units are now owned by the college and provide living accommodations for men students. The "T" Dormitory accommodates sixty-four men in furnished double rooms. Columbia Court comprises four buildings and houses an additional sixty-four men in sixteen suites. Beach Court comprises six buildings, each of which is divided into four apartments for married students.

DINING FACILITIES

The college maintains two dining halls, one located in Voorhees Hall and the other in Temple Building. Both dining halls are open to men and women. Meals are furnished at reasonable cost under the supervision of a trained director and dietician. The college reserves the right to increase the board fees at any time it finds it necessary to do so.

SPECIAL SERVICES

COUNSELING SERVICE

Hope College maintains a counseling program that aims at helping each student, from the time he applies for admission to graduation, to solve his personal, academic, and vocational problems.

Pre-college counseling and diagnostic testing are under the direction of Professor A. H. Timmer, Director of Admissions. Each student, upon matriculating at Hope College, is given a series of aptitude and content tests designed to help him make wise academic and vocational decisions.

General academic and personal counseling for Freshmen and Sophomores is provided by experienced faculty counselors under the Director of Counseling, Dr. Clarence De Graaf. Each Freshman is assigned a faculty counselor who assists him in planning his course program, counsels with him periodically on his academic progress, and is available for conferences on personal, academic, and vocational problems. As soon as a student is accepted as a major by a department, the chairman of that department becomes his advisor. Where students indicate special pre-professional interests, they are given special advisors. See below, page 111 for a list of these advisors. The Office of Admissions serves also as the central office for the receiving and publicizing of vocational information.

The Dean of Women, Dean of Men, and Dean of the College are available for consultation at all times with parents and students.

PLACEMENT SERVICE

Hope College offers vocational placement service to senior students and in a limited degree to alumni. This service makes known available opportunities and arranges interviews between the applicant and the employer.

The Bureau of Teacher Placement is directed by Professor Garrett Vander Borgh, Chairman of the Education

Department. This Bureau collects the information and credentials of those desiring the service and makes them available to interested school administrators. Where possible, administrators are invited to the college campus for interviews with the teaching candidates.

The Bureau of Vocational Placement, other than Teacher Placement, is under the supervision of the Director of Admissions. This Bureau serves as a clearing house for information on openings in business, industry, governmental service, and graduate study. It arranges interviews between interested seniors and representatives from these fields. It also makes known to students summer employment opportunities when such information is available.

HEALTH SERVICE

Clinic and infirmary care is offered to every enrolled student of Hope College in the Student Health Clinic. The clinic staff consists of the college physician, Dr. Abram Leenhouts, who holds clinic hours every morning except Sunday from 8:30 to 12:00; a full time nurse who is in charge of the health service; part-time graduate nurses; and a cook and housekeeper.

Free clinic service consists of an examination by the college physician when a student reports for illness, and the administration of ordinary clinic medicines. Major surgery, hospitalization, special physician's fees, x-rays, and special drugs must be paid for by the student. Infirmary care at \$1.00 per day is provided for all students needing bedside care. Sick students do not remain in the dormitories but are required to enter the infirmary, which has three pleasant rooms. Parents are notified by infirmary authorities whenever any student is considered to be seriously ill or whenever surgery is advised.

STUDENT EMPLOYMENT SERVICE

See below, page 51, for a description of this service.

STUDENT ACTIVITIES

RELIGIOUS ORGANIZATIONS

The central religious organizations on the campus are the YOUNG WOMEN'S CHRISTIAN ASSOCIATION and the YOUNG MEN'S CHRISTIAN ASSOCIATION. Meetings of these two organizations are held every Tuesday evening at 7:15 o'clock in the beautiful rooms set apart for them on the first floor of the Memorial Chapel. All students are urged to become members of these organizations. The two associations cooperate to direct and administer the program of religious activities of the student body. The highlight of the year is the annual Religious Emphasis Week, sponsored and conducted by the two groups.

In addition to the two Y.'s, there are two other religious groups. ALPHA CHI is an organization of students who are preparing themselves for the Christian ministry. KAPPA DELTA is an organization of young women who are preparing themselves to become full-time leaders in church activities. Meetings of each of these groups are held monthly for discussion and inspiration.

STUDENT CLUBS

There are a number of student organizations on the campus designed to offer students with similar special interests the opportunity of meeting together for their mutual help and advancement. The CHESS CLUB, the CAMERA CLUB and the RIFLE CLUB are active hobby clubs. The MUSICAL ARTS CLUB and PALLETTE AND MASQUE, the college dramatic club, are active in promoting activities in the area of these fine arts. The INTERNATIONAL RELATIONS CLUB holds bi-monthly meetings for all students who are interested in discussing the underlying principles of international conduct, law, and organization. There are various departmental clubs, such as the FRENCH, GERMAN, SPANISH, BIOLOGY, CHEMISTRY, ENGLISH, PHILOSOPHY, SOCIAL SERVICE, ELEMENTARY TEACHERS, and MATH-PHYSICS CLUBS, open to

students who are majoring or have a special interest in these fields of study.

The WOMAN'S ACTIVITIES LEAGUE, for all women students, has as its function the promotion of co-operation and friendship among the women of the college, the fostering of high standards of conduct, and the furthering of campus interests and activities among the women. It sponsors annually a number of all-girl or all-campus parties and programs.

FRATERNAL SOCIETIES

A number of social fraternities and sororities, all local, exist on the campus. Each of the women's societies has a separate club room in one of the girls' residence halls. Although they have Greek letter titles they are better known as Delphi, Dorian, Sorosis, Sibylline, and Thesaurian. All women students desiring to join one of these sororities are given the opportunity in the fall of their sophomore year. A special society for all Freshman girls, called A. S. A., also exists.

There are five men's fraternal organizations: Arcadian, Cosmopolitan, Emersonian, Fraternal, and Knickerbocker. Men students are eligible to join these societies in their freshman year.

A Pan Hellenic Council and an Interfraternity Council are the governing boards of these two groups of societies. On occasions, an Inter-Society Council, composed of representatives from all the societies, meets to act as a clearing house on matters of common interest.

HONOR SOCIETIES

BLUE KEY is a national honor fraternity made up of senior men chosen because of their individual academic attainments combined with their participation in student activities. Their purpose as a chapter is to aid the faculty in the furtherance of all worthwhile collegiate activities.

ALCOR SOCIETY is a local honor society composed of senior women who have measured up to certain academic

standards and have been outstanding in character, leadership and service.

STUDENT COUNCIL

To represent the student body in the total college program a STUDENT COUNCIL of sixteen members is chosen annually by the students. The President and Vice President are elected at a general spring election. The other members are chosen from the different classes and the fraternal societies. The Student Council serves as an executive committee to promote student activities and to assist in forwarding the entire program of the college.

MUSICAL ORGANIZATIONS

Students interested in music find abundant opportunity to gratify their desires through membership in one or more of the musical organizations.

The CHAPEL CHOIR, a mixed group of ninety voices, sings at morning chapel services and on special occasions.

The WOMEN'S GLEE CLUB and the MEN'S GLEE CLUB of thirty voices each are trained in programs of sacred and secular music. Both clubs take short trips and alternate each year in an extensive concert tour.

The HOPE COLLEGE MESSIAH CHORUS, composed of the above organizations, and augmented by other musically interested Hope College students and faculty, presents Handel's oratorio each Christmas season in the Memorial Chapel.

The MADRIGAL SINGERS are a selected group of mixed voices who sing English madrigals. They make several concert appearances during the year.

The COLLEGE ORCHESTRA accompanies the annual presentation of the Messiah and presents several concerts for the student body and public.

The COLLEGE BAND presents concerts during the year and is active at the various athletic contests.

PUBLICATIONS

There are two major student publications on Hope's campus. The first is the ANCHOR, the college newspaper, which is published every two weeks by a staff of students. The second is the MILESTONE, the college year book, edited and published by a staff chosen from the Junior class of the college. In addition to these, a STUDENT GUIDE, containing the student roster, is published each fall through the Blue Key; and HOPE HI-LITES, a guide-book for all students, is published and distributed at the opening of the fall semester.

ATHLETIC ACTIVITIES

Hope College is a member of the Michigan Intercollegiate Athletic Association, the other members of which are Adrian, Albion, Alma, Hillsdale, and Kalamazoo. The association is governed by a Board of Directors, to which each college sends one faculty member and one student member as its representatives. Hope College competes in all the intercollegiate sports of this association, namely: football, basketball, track, baseball, golf, tennis, and cross-country.

An active intramural program for men and women is also maintained. In addition, the women participate in a series of Play Days at various colleges in Michigan.

FORENSICS AND DRAMATICS

Speech extra-curricular activities include intercollegiate competition in all of the contests sponsored by the Michigan Intercollegiate Speech League (MISL), such as annual contests in extemporaneous speaking, group discussion, debate, oratory, and the Prose and Poetry Festival in interpretive reading. Local and state contests are also held in the oratorical and extemporaneous speaking events of the Intercollegiate Peace Association. Hope is the Gamma chapter of PI KAPPA DELTA, national honorary forensic fraternity, whose provincial and national conventions are attended by Hope-ites. Dramatic activities center in PALETTE AND MASQUE, a dramatic group which produces both one-act and full-length plays before campus and off-campus groups.

ALUMNI ASSOCIATION

The Hope College Alumni Association is the organization of all Hope graduates and former students, the Alumni Magazine being the medium of contact among the alumni throughout the world.

Officers:

<i>President</i>	Mr. Howard R. Sluyter, Grand Rapids
<i>Vice President</i>	Dr. Wynand Wichers, Kalamazoo
<i>Secretary</i>	Vacant at present
<i>Treasurer</i>	Mr. Garrett Vander Borgh, Holland
<i>Directors</i>	Mr. Randall Bosch, Holland Mrs. Margaret Trompen Beuker, Marshall Mr. Willard C. Wichers, Holland

An Office of Alumni Relations is maintained at Hope College in Van Raalte Hall. The Director is Mr. Willard C. Wichers; the Associate Director is Mrs. Marian Anderson Stryker.

The Alumni of Hope College are urged to associate themselves with the nearest Hope Alumni Chapter. Hope Chapters are located in New York City; Albany, New York; Rochester, New York; Grand Rapids, Michigan; Muskegon, Michigan; Kalamazoo, Michigan; Holland, Michigan; Detroit, Michigan; Chicago, Illinois; Cedar Grove, Wisconsin; Orange City, Iowa.

PART III

ADMISSION

GENERAL ACADEMIC REGULATIONS

READING COURSES

HONORS

REQUIREMENTS FOR GRADUATION

ADMISSION

APPLICATION FOR ADMISSION

All applications for admission to Hope College should be made to the Director of Admissions, Hope College, Holland, Michigan. Necessary admission forms will be mailed upon request. Applicants are urged to submit preliminary applications as soon as possible after the junior year of high school.

Hope College has a program arranged to admit students for either the first or second semester of each school year or the annual summer school. Admission is based on positive evidence of acceptable intellectual capacity, high purpose, and good character. The college will therefore consider each applicant for admission in terms of such characteristics.

As a preliminary step for admission, every candidate is urged (1) to examine the college bulletin for basic information pertinent to the vocational objective of the prospective student, (2) to study the "Aims and Objectives" and "College Regulations on pages 19-21, with a view to acceptance of them, (3) to read the statement of requirements for admission.

It is the responsibility of each applicant to see that the following items are received by the Director of Admissions:

1. Completed Admission Form filled out by the student. This Form is available upon request.
2. Official transcript of the high school record. The high school principal will mail the transcript to the college at the request of the student. Applicants who are accepted on the evidence of three or three and one-half years of high school grades are admitted on the condition that the supplementary record covering the rest of their high school course remains satisfactory.
3. A statement of recommendation from the principal or high school counselor.

4. A letter of character reference from a teacher, business executive, or religious leader.
5. Official transcript of credits from any college(s) attended after graduation from high school and a letter of good standing from the office of the college last attended.
6. Medical statement issued by a regularly licensed physician, preferably the family doctor. Medical Form is available upon request.
7. Each application is to be accompanied by a \$10 admission or matriculation fee. The fee, except for a \$3 processing charge, is refundable to applicants whose admission requests are not approved.

REQUIREMENTS FOR ADMISSION

The college will consider for admission to the Freshman Class:

1. Graduates of accredited secondary schools (four-year high schools, three-year senior high schools, and academies):
 - a. Who in general rank academically in the upper half of their high school class. Exceptions to this will be considered only upon adequate evidence from references and/or scholastic aptitude tests.
 - b. Who present 15 units or more for college entrance, at least 10 units of which are academic units. A unit is defined as a subject pursued through a school year with not less than four recitation periods each week for a total of not less than 120 hours of class work. Graduates of three-year senior high schools should include the units earned in the last year in junior high school in totaling the 15 or more units. Of the 10 or more required academic units, three or more must be in English and seven or more units from three of the following groups: foreign languages, mathematics, sciences, and social sciences.

2. Graduates of secondary schools other than those designated above, provided they, too, rank in upper half of their high school class and can present 15 or more units as described in 1b. Such applicants may be admitted on satisfactory recommendations from the Administration of their respective schools or/and by scholastic aptitude tests.
3. Persons 21 years or older, not graduates of high schools. Such applicants may be tentatively admitted on the basis of acceptable references and/or examinations. Full college status will be granted such persons upon demonstration of ability to do college work successfully during the trial year.
4. Service men and women of World War II or the Post-War period, honorably discharged or released from military duties, who in terms of available records and/or by examinations evidence ability to pursue college work successfully. Hope College is approved for veterans who plan their education under the privileges provided by the G. I. Bill of Rights (Public Law 16 or Public Law 346).

ADMISSION TO ADVANCED STANDING

Students who have completed academic courses at other institutions of recognized collegiate rank and of accredited status may be admitted to Hope College with advanced standing. Such applicants must present to the Office of Admissions a transcript of work completed on the college level, a statement of honorable dismissal, and a letter of character reference.

Hope College reserves the right to accept only such courses of advanced standing as comply with the requirements established for graduation. Not more than sixty-four semester credit hours will be allowed for junior college work.

Students of advanced standing from non-accredited colleges may be granted tentative admission on the basis of the nature of academic work completed, statement of honorable dismissal, letter of reference and/or examination.

GENERAL ACADEMIC REGULATIONS

SYSTEM OF GRADING

Each student receives a grade in his courses at the middle of the semester and at the close of the semester. The mid-semester grades do not appear on a student's transcript; they are designed to give the student an indication of his progress. In the case of unsatisfactory or borderline achievement, the student may be put on probation and his parents so informed.

The system of grades is as follows:

Grade	Significance	Quality Points
A	Superior	4 per sem. hr.
B	Good	3 per sem. hr.
C	Average	2 per sem. hr.
D	Weak but passing	1 per sem. hr.
F	Failure	0
I	Incomplete	

INCOMPLETES AND FAILURES

An incomplete (I) is given only when circumstances do not justify giving a specific grade. It must be removed within the first nine weeks of the semester following the one in which the incomplete was received. If not removed within this time, the incomplete becomes a failure (F).

A failure (F) cannot be removed from a student's record. However, a student may take the course a second time. If he passes the course, the passing grade will appear beside the failure on his transcript. A student failing a course required for graduation should repeat the course the next time it is offered.

WITHDRAWAL FROM COLLEGE

Freshmen failing in two-thirds or more of their semester hours at the end of their first semester will be required to withdraw for one semester. Freshmen at the end of the second semester and all other students at the end of any

semester failing in one-half or more of their work will be requested to withdraw for one semester.

In order to assure himself of an honorable dismissal from college, a student who wishes to withdraw from college during the course of a semester must obtain a Withdrawal card from the Registrar. This card must be signed by the Treasurer and the Dean of the College.

CHANGE OF COURSES

Students are urged to study the course offerings carefully before registration so that their course program for a given semester need not be changed. The following limitations are placed on changing of courses:

ADDING OF COURSES: No student may enter a new course after the end of the second week of the semester.

DROPPING OF COURSES: No student is permitted to drop a course without failure except with the approval of the instructor and counselor, and then only within the first four weeks of the semester. A Freshman, however, will have until the mid-semester grades of his first semester in attendance have been reported. Courses dropped after the time limit will be recorded as failures. Under unusual circumstances appeal may be made to the Administrative Committee.

STUDENT LOAD

The normal student load is sixteen hours per semester. Permission to take more than a normal load is based upon the student's previous academic record. Seventeen hours may be granted by the counselor. Application for more than seventeen hours must be made to the Administrative Committee. Under no circumstance will a student be permitted to take more than nineteen semester hours. Students carrying a work program along with their studies are advised to reduce their academic load. Students carrying more than a normal load must pay a fee of \$9.00 for each semester hour in excess of sixteen. Regularly enrolled students must carry a minimum of twelve semester hours of course work each semester.

CLASSIFICATION

To be eligible for classification as a sophomore, a student must have to his credit twenty-four semester hours.

To be eligible for classification as a junior, a student must have sixty-two semester hours.

To be eligible for classification as a senior, a student must have ninety-four semester hours.

CLASS AND CHAPEL ATTENDANCE

Regular attendance in all classes and at daily chapel is required. A student is responsible for all work missed during his absences from classes regardless of whether the absences are excused or unexcused. Excessive unexcused absences are penalized by loss of credit.

Unavoidable absences due to illness, death in family, and other emergencies may be excused by the Faculty Committee on Absences, provided the student files written application for an excuse at the Dean's Office within three days after he returns to school. The application should state dates of all classes missed and reasons for the absences.

Absences incurred while acting as a representative of a recognized and regularly scheduled activity of Hope College shall be excused provided the faculty sponsor of the activity signs the application indicating his approval of the absence.

READING COURSES

Reading Courses provide opportunity for advanced work by Seniors of outstanding ability. Reading Courses may serve various purposes: to offer a mature student a course not regularly given, to challenge capable students to their highest achievement, or to introduce the student to the methods of graduate school study and research. The work is done under the supervision of, and in conference with, a member of the selected department. The name of the applicant, together with the plan of the course to be pursued must be recommended by the head of the department in which the work is to be done to the Educational Policies Committee

for approval not later than the second Friday after the opening of the semester. A typewritten copy of the paper or thesis presenting the completed study must be submitted to the head of the department, to be filed with the college librarian, before credit is granted. Two hours credit shall be granted for a semester course.

HONORS

GRADUATION HONORS

Graduation honors will be conferred according to the following regulations:

The degree of Bachelor of Arts, Summa Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.87 quality points, with no grade below "B."

The degree of Bachelor of Arts, Magna Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.6 quality points, with no grade below "B."

The degree of Bachelor of Arts, Cum Laude, will be conferred upon such as have met all the requirements and have attained an average grade of 3.3 quality points, with no grade below "C."

In no case will an honor degree be awarded to any student who has not taken at least two years of his course in residence at the institution.

SENIOR HONORS

The faculty of Hope College each May select a group of Seniors, not exceeding ten per cent of the graduation class, who in their opinion have given the greatest promise, through their academic achievement and campus service, of achieving signal success in their chosen professions. These Seniors are recognized at a special honors assembly held in May.

REQUIREMENTS FOR GRADUATION

SEMESTER HOURS AND QUALITY POINTS

A minimum of one hundred twenty-six hours of college work and a quality point average of 2.00 are required for graduation. The quality point average shall be determined by dividing the total number of quality points earned by the total number of hours in which a student has received a grade.

RESIDENCE

No degree will be conferred upon anyone who has not spent his senior year at Hope College.

PHYSICAL EDUCATION

Seventy-two clock hours of Physical Education are required of each student before graduation. This requirement should be met in the Freshman year. Veterans of World War II are exempt from this requirement.

COURSE REQUIREMENTS

The following specific courses are required for graduation:

English 11, 12, (or 12, 14), 31, 32

Speech 11

Psychology 31

Religion and Bible 71 plus one other course for each additional academic year in residence, to be selected from 11, 31, and 51.

GROUP REQUIREMENTS

In addition to the specific courses mentioned above, each student must select and receive passing grades in:

- I. Eight semester hours of courses from the Departments of Biology, Chemistry, Mathematics, and/or Physics.
- II. Six semester hours of courses from the Departments of History, Psychology, Economics, Philosophy, Political Science, and/or Sociology.

- III. A sufficient number of semester hours in one foreign language to fulfill the foreign language requirement.

Students are urged to complete these course requirements and group requirements in their Freshman and Sophomore years, with the exception of Religion and Bible 51 and 71.

FOREIGN LANGUAGE REQUIREMENT

To fulfill the language requirement for graduation, a student must attain a level of proficiency equal to two years of a foreign language on the college level. Specifically, this means that:

- I. Students entering with no foreign language background must take two years (elementary and intermediate) of a foreign language.
- II. Students entering with one or more years of foreign language in preparatory school may choose to study:
 - A. A different foreign language. In this case he would take two years of that language.
 - B. The same foreign language he had previously studied. In this case he will be given placement tests to determine his level of proficiency, and will be enrolled at the proper level. Completion of the intermediate course signifies completion of the language requirement.

FIELD OF CONCENTRATION

To provide organization and some intensive work in his general training, the student must, at the close of his sophomore year, declare a field of concentration. Normally this will mean that he will choose a department in which to do his major work. However, in order to meet some special cultural or vocational end, a composite major may be substituted. The major may be changed with the consent of the heads of the departments involved and the Director of Counseling.

DEPARTMENTAL MAJOR: A student wishing to be accepted as a candidate for a major in a department must submit a written application to the chairman of that department by the end of the sophomore year. If he is accepted, the chairman or a designated member of that department becomes his advisor for the remainder of his college work, and with the student works out the academic program. In Part V of this catalog, along with a listing of the course offerings, are found the specific requirements for a major in the various departments. These requirements must be met for graduation. Every student must complete a minimum of 81 semester hours outside of his department of concentration.

COMPOSITE MAJORS: A composite major requires the approval, in advance, of the Educational Policies Committee except in the case of composite major programs for which general approval has already been granted. Students planning to follow one of these programs should consult the special advisors listed, by the end of the Sophomore year. Those interested in an individual composite major should consult the Dean of the College. Composite majors must have a concentration of at least 18 hours in one department. At present only four composite majors are approved, as follows:

1. For elementary school teachers: A minimum of thirty semester hours of recommended courses in one of the following areas:
 - a. Fine Arts (Music and Art)
 - b. Language (English and Library Science, or English and Speech, or English and Foreign Language)
 - c. Social Studies (History, Political Science, Psychology, and Sociology)
 - d. Natural Science (Biology, Health and Physical Education)

Students should study the requirements for Elementary Teacher's Certificate and consult the elementary education advisor by the end of the freshman year. It is possible under this arrangement to satisfy cer-

tification as described on pages 69-70. (Advisor: Mr. Vander Borgh)

2. For pre-theological students: Twenty hours in English, sixteen hours in Greek, sixteen hours in Philosophy, nine hours in Speech, nine hours in History, five hours in Psychology, three hours in Sociology, and two hours in Music. Consult page 113 where the suggested curriculum is given in detail. (Advisor: Dr. Osterhaven)
3. For foreign language students: A composite major in foreign languages requires a minimum of nine hours of advanced study (courses above 50) in one language and five hours in another. (Advisors: Boyd, M. Prins, Madrid)
4. For secondary school teachers:
 - a. Major in general science. Minimum of forty-three hours to be taken from Biology (16 hours), Chemistry (17 hours), Physics (10 hours). Consult page 119 where the curriculum is described more fully. (Advisor: Dr. Vergeer)
 - b. Major in social studies. Either a minimum of forty-four hours distributed around a history core of twenty-six hours, to include six hours of Political Science, six hours of Sociology, and six hours of Economics; or a minimum of forty-five hours to include eighteen hours of History, and the rest in Political Science, Sociology, and Economics. See page 119 where the curriculum is described more fully. (Advisor: Dr. Hawkinson)

EXTENSION AND CORRESPONDENCE WORK

Students may be enrolled in extension courses for credit at Hope College only if they get approval in advance from the Dean of the College.

No work taken by correspondence will be accepted by Hope College toward graduation.

TRANSCRIPT OF RECORD

A student who is graduated or granted an honorable dismissal from college is entitled to one certified transcript of his record. A fee of \$1.00 is charged for each additional copy.

PART IV

EXPENSES

FEEES

PAYMENT OF FEES

REFUND POLICY

STUDENT AID

SCHOLARSHIPS

GRANTS IN AID

LOANS

STUDENT EMPLOYMENT

PRIZES AND AWARDS

EXPENSES

FEES

GENERAL SEMESTER FEES

Over-all for boarding students (Tuition, room and board)	\$360.00
Tuition	\$135.00
Room only	70.00
Board only	155.00
Tuition per semester hour above normal load of sixteen semester hours	9.00
Tuition per semester hour for less than mini- mum load of twelve semester hours	11.25

SPECIAL FEES

Matriculation (paid by each student upon admittance to Hope College)	10.00
Organic Chemistry laboratory	10.00
Laboratory for other science courses	5.00
Secretarial Education course	15.00
Practice Teaching	15.00
Applied Music:	
Organ — one thirty-minute lesson per week	40.00
Piano, Voice, or Instrument — one thirty- minute lesson per week	30.00
Piano Ensemble	2.50
Junior Department Piano — sixteen lessons	24.00
Late registration	5.00
Diploma	10.00

PAYMENT OF FEES

All bills are due and payable at the beginning of the semester at the Office of the Treasurer, Van Raalte Hall.

Veterans will be required to execute Veterans Administration Form 1950-A.

REFUND POLICY

The following policy for refunding money to students who withdraw from school during the course of the semester will be adhered to:

1. Room deposits are not refundable. No portion of a student's room rental will be refunded if the student leaves after he has registered for the semester.
2. Tuition refunds for students who withdraw during the course of the semester are as follows:

If the student is in attendance from date of registration

Less than two weeks	80% refunded
Between two and three weeks	60% refunded
Between three and four weeks	40% refunded
Between four and five weeks	20% refunded
Five weeks or more	none refunded

3. Board refund. The accounts of students changing boarding plans after registration will be adjusted only on a six weeks basis. A charge of \$60.00 will be made to those boarding six weeks or less; \$115.00 to those boarding between six weeks and twelve; and the full charge to those boarding more than twelve weeks.

STUDENT AID

SCHOLARSHIPS

A number of scholarships are available to students of Hope College. As the term indicates, the basis for the awarding of scholarships is evidence of superior scholarship in the academic record of the applicant. Scholarships are granted by a faculty committee upon application by the student, and are for one year only. For students who are at present enrolled at Hope College, application forms may be secured from Professor Clarence Kleis, chairman of the Scholarship Committee, and must be submitted by May 15, to receive action for the following school year. For students not enrolled at Hope College, application forms may be secured from the Office of Admissions and must be submitted by May 1 to receive action for the following school year.

A number of special scholarship funds have been established.

ESTELLE BROWNING MCLEAN SCHOLARSHIP FUND was established by the generosity of Mr. C. M. McLean, a former member of the Board of Trustees. It is a fund of \$10,000, the income of which is to be used to aid worthy students who meet certain conditions outlined in the will.

THE WOMAN'S BOARD OF DOMESTIC MISSIONS offers five scholarships of one hundred dollars each to girls who are preparing for definite Christian service.

THE WILLIAM F. PETERS SCHOLARSHIPS. Two scholarships of one hundred dollars each are offered in memory of William F. Peters. One is awarded to a member of the Junior Class, and one to a Senior. The award is made by the faculty on the basis of scholarship and financial need.

THE BOARD OF EDUCATION, R. C. A., assists needy college students who meet certain academic requirements and who are preparing for the Gospel ministry. Students interested can secure information by writing the Board of Education, R. C. A., 156 Fifth Avenue, New York City.

HOPE COLLEGE FRESHMAN SCHOLARSHIPS. A limited number of scholarship grants are available each year to young women and men of the incoming Freshman Class. These awards are made on the basis of the high school academic record, rank in high school graduating class, leadership, character references, vocational aim, and financial need. The scholarships are for one year. Applicants can secure a Scholarship Application Form by writing to the Office of Admissions of Hope College. These forms must be filled out and submitted not later than May 1 to be considered for the following school year.

MUSKEGON ALUMNI SCHOLARSHIP. The Muskegon chapter of Hope College Alumni provides an annual scholarship covering tuition for a high school graduate from the area of the Muskegon Classis.

APPLIED MUSIC SCHOLARSHIPS

FRESHMAN SCHOLARSHIPS. A scholarship is awarded each year in each of the following applied-music areas: piano, organ, and voice, to three members of the freshman class. The scholarship consists of one lesson per week throughout the freshman year. The awards are determined by a competitive tryout at the beginning of the fall term.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE is awarded each year to the junior or senior music major who, in the opinion of the Music Faculty, has proved himself worthy of such a scholarship, under the following conditions:

- (a) He has been in residence at Hope College for two years.
- (b) He maintains a good general academic record during the year the scholarship is granted and does superior work in his applied music field. Failure to do so means immediate termination of the scholarship.

The scholarship is for one lesson per week throughout the

year or two lessons per week for one semester. A student may receive the scholarship for one year only.

SCHOLARSHIP IN PIANO is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

SCHOLARSHIP IN ORGAN is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

GRANTS IN AID

In addition to scholarships, certain funds have been established to aid students who do not meet the scholastic requirements for a scholarship but who for other reasons have been considered worthy of financial assistance. Application for such grants in aid must be made to the Chairman of the Scholarship Committee in the same manner and under the same time limitations as the applications for scholarships.

THE BOARD OF BENEVOLENCE, REFORMED CHURCH IN AMERICA, was organized to assist young men and young women in preparation for definite Christian work in the Reformed Church in America. Young men can receive aid during the first year in college; young women may receive aid during their college course. Students interested should contact or write for the necessary blanks to Professor A. E. Lampen, Secretary, in care of Hope College.

LOANS

Loans are made by the First National Bank of Holland, Hope College Loan Service. Written application for a loan must be made at the bank at least one month before the close of the semester in which the loan is to be used. At least one fourth of the amount borrowed in any school year should be repaid during the following summer. The interest rate is six per cent.

STUDENT EMPLOYMENT

Limited opportunities for part-time employment on campus and in the community exist for students who need to be partially self-supporting while at college. A Faculty Committee on Employment seeks to locate and assign part-time jobs to students most needy of self-help but cannot guarantee a job assignment to every student applying. Campus employment is assigned a month before the opening of each school year. Off-campus work is regularly arranged with the employer after the students complete registration for classes.

Students needing employment for a particular school year should file application on the available Student Employment Application Form. Returning students can obtain this at the College Business Office. New students should direct inquiries to the Director of Admissions.

The Faculty Committee on Employment recommends that a student whose academic record falls below a C average in a given semester should refrain from part-time employment until his academic record is re-established. If he must carry a considerable work program along with his studies, he is advised to reduce his academic load. New students are urged to adapt themselves academically to college study and campus life before attempting part-time employment.

PRIZES AND AWARDS

SOUTHLAND AWARD, a gold medal with the seal of Hope College, to be known as the Gerrit H. Albers Gold Medal, is awarded to the young woman of the senior class who, in the judgment of a designated committee of the faculty, has maintained the highest standard of all-around scholarship, character, and usefulness during the four years of her college course.

A. A. RAVEN PRIZE IN ORATORY was established by Mr. A. A. Raven in 1908. The prize consists of two awards, one of thirty dollars and the other of twenty dollars for the best orations on a subject of patriotic nature delivered by male students of Hope College. The winner of the first award represents the college at the contest of the Michigan Intercollegiate Speech League.

ADELAIDE PRIZE IN ORATORY is a prize of twenty-five dollars awarded to the winner of an oratorical contest open to all women students on the campus. The winner represents the college in the Michigan Intercollegiate Speech League Oratorical Contest.

DR. J. ACKERMAN COLES DEBATING PRIZE, established in 1909, is a number of awards given to upper-class debaters who have achieved special distinction in Pi Kappa Delta. The granting of the award is under the supervision of the speech faculty and the Pi Kappa Delta Council.

FRESHMAN BIBLICAL PRIZES. Two prizes, a first prize of fifteen dollars and a second prize of ten dollars, are given to the students of the Freshman Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Freshman Course in Bible.

SOPHOMORE BIBLICAL PRIZES. The Men's Adult Bible class of the Reformed Church of Coopersville, Michigan, donated the sum of five hundred dollars, the income of which is awarded as annual prizes in the Department of Bible to

the students of the Sophomore Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. First prize is fifteen dollars; second prize, ten. This essay is a regular part of the Sophomore Course in Bible.

JUNIOR BIBLICAL PRIZES. Annual prizes of fifteen dollars for first prize and ten dollars for second prize are given to the students of the Junior Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Junior Course in Bible.

SENIOR BIBLICAL PRIZES. Mr. Daniel C. Steketee has donated a fund, the income of which is used as prizes for meritorious work in the Department of Bible. A first prize of fifteen dollars and a second prize of ten dollars are awarded to students of the senior class who submit the best essays on some subject connected with the senior course in Philosophy of the Christian Religion. This essay is a regular part of the Senior Course in this subject.

ADELAIDE MISSIONS MEDAL is given to the member of the senior class of Hope College who goes directly from the college into the foreign field under permanent appointment by the Board of Foreign Missions of the Reformed Church in America.

FOREIGN MISSIONS PRIZE of twenty-five dollars, founded by Mrs. Samuel Sloan of New York City, is awarded to the college student who writes the best essay on foreign missions.

BOARD OF EDUCATION PRIZE. The Board of Education of the Reformed Church in America has established a prize of twenty-five dollars for the best essay on the general topic of "Christian Education." The contest is open to members of the junior and senior classes. Contestants must register for the contest before the opening day of the second semester and essays must be handed in by May 1.

GEORGE BIRKHOFF, JR. PRIZE of twenty-five dollars is awarded annually for the best essay in the field of American and English literature. The subject is chosen by the faculty; it is related to the class room work done in one of the literature classes open to junior and senior students.

ALMON T. GODFREY PRIZE IN CHEMISTRY. By provisions of the will of Dr. B. B. Godfrey, the sum of five hundred dollars was donated in memory of his son, Professor Almon T. Godfrey, Professor of Chemistry from 1909 to 1923. The interest on this sum is given annually at commencement to the senior student chosen the outstanding student in chemistry.

PATTERSON MEMORIAL PRIZE IN BIOLOGY represents an effort on the part of devoted students of Doctor Patterson to perpetuate his memory. They have sponsored a cash prize of twenty-five dollars that is given at commencement to a superior student with a major interest in biology whom the Hope College faculty deems most worthy of this award.

DOUWE B. YNTEMA PRIZE of twenty-five dollars is awarded a senior student who has been chosen the outstanding student in physics.

MUSIC AWARD is given by the Girls' Glee Club to the senior who, in the judgment of a faculty committee, has contributed the most to the musical life of the campus through individual effort, participation in musical organizations, and study in the music department.

DR. OTTO VANDER VELDE ALL CAMPUS AWARD is given to the senior man chosen by the faculty Athletic Committee for his outstanding contribution to the college in athletics, scholarship and participation in student activities. To be eligible, he must have earned at least three major athletic letters.

MICHIGAN COLLEGE FELLOWSHIP. The University of Michigan has established fellowships which are awarded

annually to a selected number of colleges in Michigan. The faculty of Hope College nominates an outstanding member of the graduating class to be the recipient of this fellowship award for graduate study at the University of Michigan.

PIETENPOL PRIZE, established in 1948 through a legacy from Dr. Harry J. Pietenpol, is a prize of twenty-five dollars awarded annually to the senior student who gives promise of greatest success in the Christian ministry.

SUBJECTS FOR ESSAY PRIZES, 1948-1949

Freshman Biblical Prize — "The Relation of Jesus to the Pharisees."

Sophomore Biblical Prize — "The Gospel as Set Forth in the Book of Acts."

Junior Biblical Prize — "Moses' Life and His Work."

Senior Biblical Prize — "The Conception of the Demonic in Contemporary Thought."

Foreign Missions Prize — "What Christian Missions Have Done for the Family."

George Birkhoff Jr. English Prize — "An Original Piece of Writing in the Field of *Belles Lettres*."

PART V

DEPARTMENTS OF INSTRUCTION

DESCRIPTION OF COURSES

SUGGESTED CURRICULA

ART

The courses in art are designed, first, to give students the opportunity to grow in their appreciation of art as a form of creative expression through a study of art masterpieces and through actual practice in the various media of the pictorial arts; and second, to provide the groundwork for those who wish to make art their chosen life work.

31, 32. ART STRUCTURE.

A course designed for the beginning student, it covers the language of art, artistic expression and media, elementary composition, and drawing in the studio. One hour of lecture and three of studio per week. Open to Freshmen.

Throughout the year.

Credit per semester, two hours.

51, 52. ART HISTORY AND APPRECIATION.

The study of art through the ages and its relation to modern living and painting. Beginning with pre-historic art, the course surveys the history down to modern times. Studio work includes drawing and painting in various media. Prerequisites: Art 31, 32.

Throughout the year.

Credit per semester, two hours.

61. DRAWING AND PAINTING.

A studio class for students who have taken Art Structure and desire additional training in drawing and painting. Watercolor, gouache, tempera, and oils are used in painting from model and from still life or landscape. Prerequisite: Art 31, 32, or permission of the instructor. Four clock hours per week.

First semester.

Credit, two hours.

62. THE ART OF PAINTING.

For advanced students. Painting in any desired medium, including advanced composition and rendering of finished paintings or illustrations as well as landscapes. Prerequisites: Art 61. Four clock hours of studio work per week.

Second semester.

Credit, two hours.

77. PUBLIC SCHOOL ART.

This course teaches the aims and objectives of Art in the elementary public school, the use of the elements and principles of art instruction in the class room and how art may be correlated with other classroom subjects. Students work with crayons, easel and poster paints, water colors, ink, finger paint, paper and clay. The course includes the study of color and design and their application, free illustration and the child's interpretation, creative expression, composition, appreciation, figure drawing, lettering, posters, and the construction of favors and decorations for special days. A brief course of study will be planned for the grades in which the student is most interested.

Second semester.

Credit, two hours.

BIOLOGY

Biology is the science of life. Since the purpose of a college education is preparation for more abundant living, students should acquire sufficient training in Biology, (1) to understand the basic principles of all life, and (2) to apply these to the structure and function of their own bodies. The first-year courses in this department and Physiologic Hygiene provide this necessary cultural back-

ground. Students preparing for medical technology, dentistry, or medicine should consider the pre-medical program as outlined on page 117. Additional courses are offered for broader perspective and preparation.

MAJOR: Students majoring in Biology qualify for biological and medical research, and teaching positions in secondary or higher education. Their course sequences must be approved by the Head of the Department. Students majoring in Biology must take a minimum of twenty-five hours in the department.

For primary teachers preferred courses in Biology are: 11, 21, 33, 34, 52, 61.

11. PRINCIPLES OF BIOLOGY.

Fundamental principles with major emphasis on the animal world, the most important structural features and functions of parts, relations to man, to each other, and to the environment. Intended for all students as a cultural background and basis for advanced work. Three classroom periods and one three-hour laboratory period.

First semester.

Credit, four hours.

12. PRINCIPLES OF BIOLOGY.

A continuation of 11 primarily for all science students. Major emphasis is placed on the biology of man and the vertebrates. Laboratory work centers around a detailed dissection of the frog. Two classroom periods and two three-hour laboratory periods.

Both semesters.

Credit, four hours.

21. GENERAL BOTANY.

Structure, physiology, embryology and ecology of plants with emphasis on seasonal living materials. Biology 11 is recommended to precede this. Two classroom periods and two three-hour laboratory periods.

Second semester.

Credit, four hours.

22. GENERAL BOTANY.

A continuation of 21 for pre-forestry and other interested students. The work includes a survey of the plant kingdom. Two classroom periods and two three-hour laboratory periods.

First semester.

Credit, four hours.

31. GENERAL PARASITOLOGY.

A survey of protozoan helminthic, and arthropod parasites as causative agents or vectors of disease. Prerequisites: Biology 11 or equivalent. Two classroom periods and one three-hour laboratory period.

First semester.

Credit, three hours.

32. COMPARATIVE ANATOMY OF VERTEBRATES

A selected series of vertebrate types is studied. Two classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

Second semester.

Credit, four hours.

33. NATURE STUDY.

A practical course dealing with seasonal plants and animals, their habits, life histories and relations to their environment. Field trips may be taken in the early morning as well as in the afternoon. They alternate with illustrated lectures and laboratory observations of living forms.

Credit, four hours.

34. PHYSIOLOGIC HYGIENE.

For prospective teachers, nurses, doctor's and dentist's assistants, and all others who desire a general cultural knowledge of the subject. Particular attention is given to the nature, cause, and prevention of common diseases and optimum health maintenance. Not open to pre-medical and pre-dental students. Three classroom periods and one laboratory period. Prerequisite: Biology 11.

Both semesters.

Credit, four hours.

35. HUMAN ANATOMY.

A functional interpretation of human anatomy by means of text discussions, lectures and demonstrations. Primarily for prospective nurses and physical education students, the course is open to all except pre-medical and pre-dental students. Two classroom periods.

First semester.

Credit, two hours.

41. CLASSIFICATION OF NATIVE AND CULTIVATED PLANTS.

A survey of the main families in the seed plants with special attention paid to native spring flowers, trees and shrubs. Recommended for forestry and other interested students. One classroom period and two three-hour laboratories. Prerequisite: Botany 21.

First semester.

Credit, three hours.

42. PLANT ECOLOGY.

This course deals with the relations of plants to their environment and is recommended for pre-forestry and other interested students. Emphasis is placed on plant life typical to this area, to the United States and to the continents of the world as related to moisture, soil and other climatic factors. Two classroom periods and one three-hour laboratory. Field trips will be taken during some of the laboratory periods or by arrangement. Prerequisites: Botany 21, 22.

Second semester.

Credit, three hours.

52. PUBLIC SCHOOL HEALTH.

A practical course in methods, materials, and policies of school health education. Special consideration is given to methods of motivating desirable health conduct at the various grade levels. Required of all prospective primary teachers. Prerequisite: Biology 34.

First semester.

Credit, two hours.

53. HISTOLOGY.

Structure of the cell and its modifications into various tissues. Two classroom periods and one laboratory period. Prerequisites: Biology 11, 12, or Botany 21, 22 and permission to register.

Second semester.

Credit, three hours.

55. VERTEBRATE EMBRYOLOGY.

The lectures deal in a comparative way with the development of vertebrates. The laboratory work deals with the study of embryological specimens of the principal groups of vertebrates. Three classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

First semester.

Credit, five hours.

61. GENETICS AND EUGENICS.

A general introductory course dealing with the fundamental principles of heredity and variation and some of their applications to modern problems. Prerequisite: one year college biology. Two classroom periods.

First semester.

Credit, two hours.

63. GENETICS AND EUGENICS.

Similar to 61, but primarily for science students. Two classroom periods.

Second semester.

Credit, two hours.

64. ADVANCED PHYSIOLOGY.

This course deals with the structure, functions and conditions necessary for the maintenance of the normal activities of the human body. Three classroom periods and two three-hour laboratory periods. Prerequisites: Chemistry 11, 12 and Biology 11, 12.

Second semester.

Credit, five hours.

72. GENERAL BACTERIOLOGY.

This course deals with the fundamentals of bacteriology. Emphasis is placed on morphology, physiology, and distribution of the common forms of bacteria, and the relation of their activities to everyday life, to disease and to the industries. Two classroom periods and two three-hour laboratory periods. Prerequisites: Botany 21, 22, or Biology 11, 12 and permission to register.

First semester.

Credit, four hours.

74. HISTORY OF BIOLOGY.

A brief course covering the history of biology with emphasis on the significant contributions leading to the development of the various biological sciences including medicine. One classroom period weekly. Designed for biology majors.

Second semester.

Credit, one hour.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow in the teaching of Biology, Chemistry, and Physics.

Credit, two hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in biology a chance to do work in a field in which they have a special interest. By special permission of Head of Department.

Both semesters.

Credit by arrangement.

CHEMISTRY

Chemistry is a study of matter and the changes that matter undergoes. Chemical processes underlie practically all of the sciences. Chemical engineering is applied chemistry. Medicine is, to a great extent, the study of the chemistry of life processes. The study of the fundamentals of chemistry is also essential for dentistry, nursing, home economics and agriculture.

Pre-medical students should take at least courses 11, 12, 31, 51 and 52. Courses in physical chemistry are also recommended by some medical schools.

The following schedule should be adhered to as closely as possible by students who plan to specialize in chemistry in the graduate school or industrial chemistry position.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 11, 12, or 13, 14	4	4
English 11, 12	3	3
German 11, 12	4	4
Mathematics 13, 14 or 15	3	
Mathematics 16		4
Bible 11 and Speech 11	2	2
Physical Education	R	R
	16	17

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 31, 32	4	4
German 31, 32	4	4
Mathematics 31		4
Physics 31, 32	5	5
Bible 31	2	
	15	17

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 51, 52	5	5
Chemistry 61	3	
Chemistry 76		1
English 31, 32	3	3
Bible 51	2	
Psychology 31	3	
Mathematics 54		4
Elective		3
	16	16

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 71, 72	3	3
Chemistry 73, 74 1 or 2	1 or 2	1 or 2
Chemistry 62		3
Chemistry 75	1	
Chemistry 81	2 or 3	
Bible 71		3
Elective	7-9	5-6
	16	16

Electives should include six hours of social studies to fulfill requirements for graduation.

The following is a statement of the minimum standards for the bachelor's degree as set up by the American Chemical Society Committee on the Professional Training of Chemists.

1. General chemistry (high school algebra and geometry should be prerequisites) which may include qualitative analysis, comprising the equivalent of thirty weeks of instruction with three hours of lectures or recitations a week, and four to six hours of laboratory a week.
2. Quantitative analysis, comprising the equivalent of thirty weeks of instruction with not less than eight hours of laboratory a week. This course may include some training in qualitative analysis.
3. Physical chemistry (quantitative analysis and calculus should be prerequisites), comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. This course should be given in such a way that calculus is used in the treatment of the subject.
4. Organic chemistry, comprising the equivalent of thirty weeks of instruction, with three hours of lectures or recitations a week and five to six hours of laboratory a week. This course should preferably include some qualitative organic analysis unless a special course in this subject is offered, and must include organic preparations work.

5. Advanced chemistry, comprising the equivalent of thirty weeks of instruction with two lectures or recitations a week and three to four hours of laboratory a week for fifteen weeks. This advanced chemistry may be in one or more of the following subjects—inorganic chemistry, analytical chemistry, physical chemistry, organic chemistry, biochemistry. Two full years of chemistry must be required for admission to such course or courses. For biochemistry, organic chemistry must be a prerequisite.

6. Physics, comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. It is highly desirable to have more than one year of instruction in physics.

7. Mathematics, comprising the equivalent of two years of college work, which must precede the required course in physical chemistry, which must include one year of differential and integral calculus.

8. Foreign languages. A reading knowledge of scientific German is required. French or Spanish is advised as a second language.

9. English. One year of English composition, which should include the writing of some technical papers or reports, is required.

10. Humanities. At least the equivalent of one-half a student's time for one year must be devoted to the study of humanities, which may be interpreted as non-specialized courses other than in the physical sciences and mathematics. This is exclusive of the required English and languages.

Students specializing in chemistry should consult with the head of the department regarding requirements in mathematics and physics. The minimum requirement for a chemistry major is twenty-six semester hours.

11, 12. GENERAL INORGANIC CHEMISTRY.

Classroom three hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 12 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

13, 14. GENERAL INORGANIC CHEMISTRY.

For students who have had preparatory chemistry. Prerequisites: one year of high school chemistry and one year of high school physics. Classroom, two hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 14 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

31. QUALITATIVE ANALYSIS.

Classroom, two hours; laboratory, six hours. This course includes a discussion of the principles of analysis, having special regard to the theory of electrolytic dissociation and the law of mass action; basic and acid analysis of simple substances, and systematic analysis of unknown compounds, complex mixtures and alloys.

First semester.

Credit, four hours.

32. QUANTITATIVE ANALYSIS. (Introductory course)

Classroom, two hours a week; laboratory, six hours a week. Prerequisites: Courses 11, 12, and 31. This course includes (a) Gravimetric Analysis, a study of the chemical balance in gravimetric methods of analysis, reactions, and theories of analytical chemistry; (b) Volumetric analysis, the calibration of burettes and pipettes; volumetric determination by precipitation, by neutralization, by oxidation and reduction; and the exact preparation and use of standard solutions.

Second semester.

Credit, four hours.

51, 52. ORGANIC CHEMISTRY.

Classroom, three hours a week; laboratory, six hours a week. This course includes a study of saturated and unsaturated aliphatic compounds, and the aromatic series compounds. The laboratory deals with synthetic preparations and includes some organic qualitative analysis. Prerequisite: Chemistry 31 or 32, preferably both.

Throughout the year.

Credit per semester, five hours.

61. QUANTITATIVE ANALYSIS.

Classroom, one hour a week; laboratory, eight hours a week. This course includes the analysis of limestone, brass, steel, iron, nickel, manganese, and antimony ores, etc.

First semester.

Credit, three hours.

62. ORGANIC CHEMISTRY AND ULTIMATE ANALYSIS.

Lecture, reading and laboratory. Must be preceded by courses 11, 12, 31, 32 and 51.

Second semester.

Credit, three hours.

71, 72. ELEMENTARY THEORETICAL AND PHYSICAL CHEMISTRY.

Lecture and recitation. Chemistry 71 may be elected by premedical students with or without laboratory course Chemistry 73. A knowledge of Calculus is required for Chemistry 72.

Throughout the year.

Credit per semester, three hours.

73, 74. PHYSICAL CHEMICAL MEASUREMENTS.

Preceded or accompanied by Chemistry 71 and 72.

Throughout the year.

Credit per semester, one or two hours.

75. HISTORY OF CHEMISTRY.

Lecture and recitation. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 51.

First semester.

Credit, one hour.

76. CHEMISTRY OF THE RARER ELEMENTS.

Lecture and literature research. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 52.

Second semester.

Credit, one hour.

81. ADVANCED ORGANIC CHEMISTRY.

Lecture and literature research. Advanced organic reactions and laboratory preparations. Laboratory four to eight hours.

Credit, two or three hours.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow used in the teaching of Biology, Chemistry, and Physics.

Second semester.

Credit, two hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in chemistry a chance to do work in a field in which they have special interest. By special permission of Head of Department.

Both semesters.

Credit, by arrangement.

ASSISTING IN CHEMISTRY LABORATORY.

Upon the recommendation of the head of the department, a limited number of students who have done meritorious work are permitted to serve as laboratory assistants during their Junior or Senior year. A grade will be recorded on the transcript but no credit will be given toward graduation.

CLASSICAL LANGUAGES

The foreign language requirement for graduation may be met by the study of either Latin or Greek. For a complete statement of the foreign language requirement for graduation, consult page 42 of this catalog. For those planning to enter a theological seminary, Greek is usually required.

MAJOR: A major in Greek may be met by completion of 25 hours of course work within the department, including Greek 55. Majors must secure the consent of the department advisor for their course programs.

A major in Latin may be met by completion of 25 hours of course work in the department, including Latin 71. Those who plan to enter teaching are also required to take Latin 72. In addition, majors must elect History 70, History of Rome.

GREEK

11, 12. ELEMENTARY GREEK.

The introductory study of the Greek language. Attention is given to the structure of the Greek language in order to give the student a new appreciation of what language is. Grammar and translation.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE GREEK.

First semester: readings from various Attic sources. Survey of Attic literature. Word-studies and enlargement of vocabulary. Second semester: reading from Plato's Apology and Phaedo.

Throughout the year.

Credit per semester, three hours.

51. READING OF SELECTIONS FROM GREEK ORATORS.

Survey of Greek Orations. Prerequisite: two years of Greek.

First semester.

Credit, two hours.

52. READING OF SELECTIONS FROM GREEK COMEDY.

May be taken independently of Course 51. Prerequisite: two years of Greek.

Second semester.

Credit, two hours.

55. GREEK LITERATURE IN TRANSLATION.

A course designed to inspire appreciation of the varied treasures of Greek literature. No knowledge of the Greek language is required. This course is open to all students and is especially recommended for English and History majors.

Second semester.

Credit, three hours.

71. READING OF SELECTIONS FROM GREEK TRAGEDY.

First semester.

Credit, two hours.

72. READING OF SELECT PASSAGES FROM HOMER,

and review of Homeric literature.

Second semester.

Credit, two hours.

LATIN

11, 12. ELEMENTARY LATIN.

The elements of grammar, reading, some study of English derivatives, and an attempt to make the student aware of cultural implications.

Throughout the year Credit per semester, four hours.

31, 32. SELECTED READINGS FROM THE PERIOD OF CAESAR AND CICERO.

Course 31 should normally follow two years of high school Latin.

Throughout the year. Credit per semester, four hours.

51. READINGS FROM VIRGIL

and other writers of the Augustan period.

First semester. Credit, three hours.

52. LATIN OF THE CHURCH FATHERS.

Second semester. Credit, three hours.

53. MEDIEVAL LATIN.

Material from various writers of the time when Latin was the universal language of culture.

First semester. Credit, two hours.

54. ROMAN PHILOSOPHY.

Readings from Latin philosophical writings.

Second semester. Credit, two hours.

55. LATIN LITERATURE IN TRANSLATION.

This course seeks to give an appreciation of the varied literary treasures of the Romans. No knowledge of the Latin language is required. This course is open to all students.

First semester. Credit, two hours.

71. SURVEY OF LATIN LITERATURE.

Designed to be a rapid comprehensive survey of national or classical Roman literature. Required of students who desire a teaching major in Latin or who plan to go into graduate work.

First semester. Credit, three hours.

72. LATIN WRITING AND TEACHING.

Intended especially for those who plan to teach Latin. Required of teaching majors.

Second semester. Credit, three hours.

HISTORY OF ROME. See History 70.

ECONOMICS AND BUSINESS ADMINISTRATION

Courses in the combined Department of Economics and Business Administration are allocated below under the two respective fields. Students may qualify for a major in either economics or business administration separately, but not in economics and business administration combined: The

program for a major in economics requires a minimum of thirty semester hours in economics; hours earned from electing accounting courses offered under business administration may be included in this total. For a major in business administration, a minimum of twenty-seven semester hours in business administration is required and, in addition, a minimum of eighteen semester hours from courses in economics that are prerequisite or supplemental to the course offerings in business administration. The program of study for a major in either of the two fields must meet with the approval of department advisors. See page 112 for suggested curricula.

A — COURSES IN ECONOMICS

31, 32. PRINCIPLES OF ECONOMICS.

A general introduction to economic principles, concepts, and problems covering two semesters of study. Prerequisites: For 31, Sophomore standing, and for 32, completion of 31.

Throughout the year.

Credit per semester, three hours.

51. MONEY AND BANKING.

Survey of the country's monetary and banking system including study of money and prices, commercial banks and the Federal Reserve System, monetary standards, and credit control. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

52. LABOR ECONOMICS.

An introductory survey of labor economics: basic economic problems of American laborers; history, aims and problems of labor organizations; employer attitudes and practices; and the role of government. Prerequisites: Economics 31, 32.

Second semester.

Credit, three hours.

55. AMERICAN ECONOMIC DEVELOPMENT.

A general survey of economic development in the United States, stressing the period since 1860 and emphasizing interpretative study. Prerequisites: Economics 31, 32. Alternate years, 1949-1950.

First semester.

Credit, three hours.

56. BUSINESS COMBINATIONS AND PUBLIC POLICY.

A study of public interest and policy with regard to monopolistic combinations and practices of business; attention centers upon antitrust laws and activities of the Federal Trade Commission. Prerequisite: Economics 31, 32. Alternate years, 1948-1949.

First semester.

Credit, three hours.

61. ECONOMIC STATISTICS.

Introductory study of statistical methodology basic to economic and business analyses. Topics include tables and graphs, analysis of central tendency and dispersion, index numbers, sampling, time series, and simple correlation. Prerequisites: Economics 31, 32.

First semester.

Credit, four hours.

71. ECONOMIC ANALYSIS.

A systematic account of economic analysis for advanced students, concentrating on questions of market price determination, distribution, economics of the individual firm, monopoly and imperfect competition, consumption, and the theory of capital. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

72. BUSINESS CYCLES.

A study of the nature and causes of business cycles with emphasis on alternative explanations and analysis of proposed methods of control. Prerequisites: Economics 61, or consent of instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

74. INTERNATIONAL TRADE.

A survey of the field of international trade relations with special attention given to fundamental theory and present commercial policy and practice. Prerequisite: Economics 31, 32. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

76. PUBLIC FINANCE.

An introduction to principles, practices and problems of public finance—Federal, state and local, covering revenues and expenditures, taxation theory and practice, public debts, and budgeting. Prerequisites: Economics 31, 32.

Second semester.

Credit, three hours.

B — COURSES IN BUSINESS ADMINISTRATION**31, 32. PRINCIPLES OF ACCOUNTING.**

A comprehensive introduction to accounting methods and applications covering two semesters of study. Two hours of lecture and discussion and one two-hour laboratory. Prerequisites: For 31, Sophomore standing and for 32, satisfactory completion of 31.

Throughout the year.

Credit per semester, three hours.

51. BUSINESS ORGANIZATION.

General study of the principles and problems of business organization and scientific administration with emphasis on the structure of enterprise as a whole and its component departments. Prerequisites: Economics 31, 32 or permission of instructor.

First semester.

Credit, three hours.

52. BUSINESS MANAGEMENT.

The principles and problems of business management. Among topics considered are organization, production development and control, plant location, employee and public relations, inspection, safety, and budgets. Prerequisites: Business Administration 51, or consent of instructor.

Second semester.

Credit, three hours.

54. BUSINESS LAW.

A survey of business law, stressing contracts and including an introduction to sales, agency, negotiable instruments, and partnerships and corporations. Prerequisite: Economics 31, 32.

Second semester.

Credit, three hours.

61. MARKETING PRINCIPLES.

Study of the distributive process and marketing problems, covering functions, institutions, methods, commodity marketing, merchandising, and prices and competition. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

62. MARKETING PROBLEMS.

Attention is turned to representative problems in this field and to policies and techniques best suited to their solution. Prerequisite: Business Administration 61.

Second semester.

Credit, three hours.

71. BUSINESS AND GOVERNMENT.

The programs of government regulation affecting everyday business operations and the practice of governmental agencies concerned with unfair trade practices, public utilities, labor problems, social security, prices, credit, etc. Prerequisites: Economics 31, 32 and consent of instructor.

First semester.

Credit, three hours.

72. FINANCE PRINCIPLES.

Study of the principles of financial operations in business with emphasis on the smaller enterprise. Different methods of organizing, raising funds, expanding, and reorganizing are analyzed and compared. Prerequisite: Economics 51 and Business Administration 31, 32.

Second semester.

Credit, three hours.

73. PERSONNEL ADMINISTRATION.

A study of personnel principles from the standpoint of function, methods, and organization as used in practice by business. Prerequisites: Business Administration 52 and Economics 52, or consent of instructor.

First semester.

Credit, three hours.

82. INSURANCE.

A survey of insurance principles and their applications to the various branches of the field, with attention also given risk-bearing as such, public supervision, and social insurance. Prerequisites: Economics 81, 82 and consent of instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

84. REAL ESTATE.

Study of real estate fundamentals, covering economic and legal characteristics and the effective functioning of persons who deal in or manage real estate. Prerequisite: Economics 31, 32 and consent of instructor. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

EDUCATION

The courses offered in this department are intended to prepare teachers for elementary and secondary schools. Arrangements have been made with the public schools of the city of Holland for student teaching, which is required of all candidates for teacher certification.

A "C" average is required of all candidates for a teacher certificate.

Special efforts are put forth by the placement office to secure positions for graduates who have proven aptitude for teaching, but the college does not guarantee to place students in positions. The right is reserved to withdraw students from student teaching for cause at any time, and also to withhold recommendations for positions.

MICHIGAN CERTIFICATION LAWS

1. The State Elementary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for elementary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the elementary grades in any public school in the State of Michigan.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of expiration of the certificate, if the candidate has taught successfully for three years within the five-year period and has completed ten semester hours of additional credit. If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, the certificate is automatically suspended.

2. The State Secondary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for secondary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the secondary grades of Michigan public schools in the subjects or subject fields indicated on the certificate.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of expiration of the certificate, if the candidate has taught successfully for three years within the five year period.

The candidate must have earned ten additional semester hours of residence credit in an approved institution, preferably in partial fulfillment for a Master of Arts degree.

If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, this certificate is automatically suspended.

REQUIREMENTS FOR SECONDARY

TEACHER CERTIFICATION

1. Satisfy the requirements for the A. B. degree at Hope College.
2. General Psychology (31) is prerequisite to all courses in education.
3. Complete twenty hours of Education courses, which must include the following courses in the department of Education: 51, 52, 55, 56, 71 and 83.
4. Complete a major and two minors. (The Michigan Teacher Certification Code defines a major as consisting of a minimum of twenty-five hours in one department, and a minor a minimum of fifteen hours.) Education may not be included among the majors and minors.

REQUIREMENTS FOR ELEMENTARY

TEACHING CERTIFICATE

1. Satisfy the requirements for the A. B. degree from Hope College.

2. Complete twenty hours in Education, including courses 51, 52, 53, 54 and 81 in the department of Education.
3. Complete four minors or one major and two minors. (The major shall consist of twenty-four hours in one Department, other than Education and the minor of fifteen hours. The composite major required for college graduation may be broken down into two minors for certification purposes.
4. General Psychology (31) and Introduction to Sociology (31) are prerequisites to all courses in education.
5. The following courses must be taken unless exemption is granted by the head of the Education department: Elementary Public School Music (Music 56), Public School Health (Biology 52), Teaching the Social Studies (Education 78) and Public School Art (Art 77).
6. The following courses are recommended: Teaching Physical Education in the Elementary School (Physical Education 75) and Teaching Arithmetic in the Elementary School (Education 77).
7. To meet the eight-hour science requirement for graduation, biology is preferred.

51. HISTORY AND PHILOSOPHY OF EDUCATION.

Attention is given to those historical agencies and factors which have influenced the educational progress of the various peoples. Emphasis is laid upon the aims, methods, content, organization and results. Studies are also made of the changing philosophies of education.

First semester.

Credit, three hours.

52. EDUCATIONAL PSYCHOLOGY.

This course deals with the growth and development of childhood in all its phases, but with special stress on mental development. Careful study is made of the learning process with the implications for teaching and guidance.

Second semester.

Credit, three hours.

53. PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOL.

A study of learning, misconceptions of learning, the nature of the learner and the characteristics of teaching; a comparison of the modern and traditional school in terms of philosophy of teaching and classroom methods; problems relating to the improvement of assignments, study and recitation; the preparation of lesson plans; the improvement of teaching techniques and classroom management.

First semester.

Credit, three hours.

54. LANGUAGE DEVELOPMENT IN THE ELEMENTARY SCHOOL.

A study of the objectives, materials, methods, appraisal of readiness, diagnostic and corrective practices in the teaching of reading; methods and materials for the teaching of oral and written language and spelling; an overview of children's literature.

Second semester.

Credit, three hours.

55. THE AMERICAN PUBLIC SECONDARY SCHOOL.

This course aims to acquaint the student with the history and development of the American high school, its aims, courses, methods of instruction, organization, administration, evaluation of subjects, pupil characteristics, social problems, and other fundamentals essential to students of secondary education.

First semester.

Credit, three hours.

56. GENERAL METHODS AND MATERIALS FOR HIGH SCHOOL TEACHING.

This course is intended to acquaint the prospective high school teacher with general class procedures which are applicable to a variety of subjects. Special consideration is given to instructional planning, directing study, school discipline, educational aims, audio-visual aids, etc. (Education 52 and 56 may be taken separately or as an integrated course for five hours credit.)

Second semester.

Credit, two hours.

64. TESTS AND MEASUREMENTS.

An introduction to the interpretation and construction of tests. The student will be introduced to the more commonly used tests of intelligence, achievement, interests and aptitude, and will be required to construct an achievement test in the subject matter field of his choice. Same as Psychology 64.

Second semester.

Credit, two hours.

71. PROBLEMS OF SECONDARY SCHOOL TEACHING.

This course is planned for senior students who are now doing their student teaching. The purpose is to consider the specific problems and difficulties arising out of the student teaching experiences in order that the prospective teacher may acquire greater skill in dealing with these situations.

Both semesters.

Credit, two hours.

73. SECONDARY VOCAL METHODS.

Same as Music 73.

First semester.

Credit, two hours.

74. SECONDARY INSTRUMENTAL METHODS.

Same as Music 74.

Second semester.

Credit, two hours.

75. TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.

Same as Physical Education 75.

First semester.

Credit, two hours.

76. TEACHING PHYSICAL EDUCATION IN THE SECONDARY SCHOOL.

Same as Physical Education 76.

Second semester.

Credit, two hours.

77. TEACHING ARITHMETIC IN THE ELEMENTARY SCHOOL.

Presents modern methods of making arithmetic meaningful to the elementary child, and a survey of materials.

First semester.

Credit, two hours.

78. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.

Principles and problems of social living with the application to the elementary school child, including materials and methods of social studies units. A discussion of geography and history as separate subjects is also included.

Second semester.

Credit, two hours.

79. ELEMENTARY PUBLIC SCHOOL MUSIC METHODS.

Same as Music 56.

Second semester.

Credit, two hours.

81. PRACTICE TEACHING IN THE ELEMENTARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in co-operation with the Holland Public Schools.

Both semesters.

Credit, eight hours.

83. PRACTICE TEACHING IN THE SECONDARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in co-operation with the Holland Public Schools.

Both semesters.

Credit, five hours.

84. TEACHING OF MODERN LANGUAGES.

Same as French 84, German 84, and Spanish 84.

Second semester.

Credit, two hours.

85. SOCIAL STUDIES METHODS.

Same as History and Political Science 85.

First semester.

Credit, two hours.

86. TEACHING OF SCIENCE.

Same as Biology 86, Chemistry 86, and Physics 86.

Second semester.

Credit, two hours.

87. TEACHING OF ENGLISH.

Same as English 78.

First semester.

Credit, two hours.

89. METHODS OF TEACHING MATHEMATICS.

Same as Mathematics 71.

First semester.

Credit, two hours.

SPECIAL METHODS COURSES are offered in several departments, credit for which, to the extent of two hours, will be allowed in education. Only one such course will receive credit in education within the 20 hours required for the certificate.

ENGLISH

The courses in the English department may be classified under the headings of composition and literature.

All students are required to take six hours of composition and six hours of literature. Courses 11 and 12 in composition and courses 31 and 32 in literature are intended to meet these basic requirements. These courses are all pre-

requisite to all courses in composition and literature numbered above 50. Exceptions or substitutions are allowed only by permission from the chairman of the department. Students who demonstrate high proficiency in the mechanics of composition in their entrance tests are excused from 11. The composition requirement is then met by English 12 and 14.

Students who have completed the required six hours of composition and the six hours of literature with a C grade may apply for admission as English majors at the close of the sophomore year. To graduate as an English major it is necessary to have a minimum of thirty hours in English exclusive of such courses as are described in the catalog as not counting toward a major. The program carried for a major in English must be approved by the head of the department.

For those planning to go to graduate school it is desirable to build up a total of between 40 and 45 hours in English. These students are also to remember that a reading knowledge of French, German or Spanish is usually required for an M. A. degree and a reading knowledge of two is required for a Ph. D. degree.

Those planning to teach English in secondary schools are required to take English 73, and they are advised to take at least four additional hours of composition, six additional hours in speech, and the survey courses in American and English literature.

Those planning to teach in elementary school are required to take Education 54. They are advised to include courses that will give them a broad preparation in grammar, composition, reading, literature and speech.

11. FRESHMAN COMPOSITION.

Review of the fundamentals of grammar, punctuation, diction, usage, sentence structure, and paragraphing with some expository writing and practice in business correspondence.

Both semesters.

Credit, three hours.

12. FRESHMAN COMPOSITION.

Practice in expository writing, including special drill in the planning and writing of the term paper.

Both semesters.

Credit, three hours.

14. FRESHMAN COMPOSITION.

Continuation of writing as developed around readings in contemporary prose.

Second semester.

Credit, three hours.

15. READING FOR COMPREHENSION.

The purpose of the course is to give training in basic skills in comprehension and improvement in the techniques of study.

First semester.

Credit, two hours.

16. READING FOR APPRECIATION.

The course provides exercises in the reading of various types of literature to help in the discovery of literary values.

Second semester.

Credit, two hours.

31. INTRODUCTION TO LITERATURE.

Masterpieces in English Literature. About six of the classics of English literature, each one representative of a different type, are studied intensively to furnish first-hand experience with famous titles in the literary repertoire.

First semester.

Credit, three hours.

32. INTRODUCTION TO LITERATURE.

Masterpieces in Foreign Literature. A continuation of 31, covering representative titles from Greek, Medieval, and Modern European literature in translation.

Second semester.

Credit, three hours.

37. THE AMERICAN NOVEL.

A study of representative novels taken from nineteenth and twentieth century American authors.

First semester.

Credit, two hours.

38. THE SHORT STORY.

A literature course involving the study of representative American and European short stories.

Second semester.

Credit, two hours.

51. BUSINESS ENGLISH.

Study of the various forms of business correspondence. Recommended for all who plan to major in business administration. Not to be counted toward an English major.

First semester.

Credit, two hours.

52. BUSINESS ENGLISH.

Study of business report writing. Recommended for all who plan to major in business administration. Not to be counted toward an English major. 51 is recommended but not required for admission.

Second semester.

Credit, two hours.

53. ADVANCED COMPOSITION.

Students in conjunction with the teacher may choose a field of writing in line with their own particular interests.

First semester.

Credit, two hours.

54. CREATIVE WRITING.

Of special interest to those who wish to cultivate the literary forms of writing. 53 is recommended but not required for admission.

Second semester.

Credit, two hours.

55. SHAKESPEARE: HISTORIES AND COMEDIES.

First semester.

Credit, two hours.

56. SHAKESPEARE: TRAGEDIES.

Second semester.

Credit, two hours.

57. ROMANTIC POETRY.

A study of the English poetry produced during the Romantic period from 1750 to 1832. Attention is given chiefly to Wordsworth, Coleridge, Byron, Shelley, Keats.

First semester.

Credit, two hours.

58. VICTORIAN POETRY.

A study of the English poets between 1832 and 1900 with major emphasis on Tennyson and Browning.

First semester.

Credit, two hours.

59. VICTORIAN PROSE.

A study of the prose essays of Carlyle, Ruskin, Macaulay, Huxley, and Arnold and minor emphasis on the English novelists between 1832 and 1900.

Second semester.

Credit, two hours.

62. THE ENGLISH NOVEL.

A study of the development of the English novel.

Second semester.

Credit, two hours.

63. DEVELOPMENT OF THE DRAMA TO IBSEN.

A survey of the Greek and Roman drama, the miracle, mystery, and morality plays, Elizabethan drama, and the drama of the eighteenth and nineteenth centuries.

First semester.

Credit, three hours.

64. CONTEMPORARY DRAMA.

A study of Ibsen and the contemporary drama of America and Europe.

Second semester.

Credit, three hours.

65. SURVEY IN AMERICAN LITERATURE.

From the colonial period to 1865. Recommended especially for those who plan to enter teaching.

First semester.

Credit, three hours.

66. SURVEY IN AMERICAN LITERATURE.

From 1865 to the contemporaries. 65 is recommended but not required for admission. Recommended for prospective teachers.

Second semester.

Credit, three hours.

72. JOHN MILTON.

A study of Paradise Lost, Paradise Regained, Samson Agonistes and the minor poems.

Second semester.

Credit, three hours.

73. TEACHING OF ENGLISH.

A review of English grammar, with emphasis on the teaching of it. Readings, observations and demonstrations in the teaching of composition and literature in the secondary schools. Required for "special methods" credit for those applying for the secondary certificate in English. Not to be counted toward an English major.

First semester.

Credit, two hours.

81, 82. SURVEY OF ENGLISH LITERATURE.

A chronological survey of the trends and types of English literature with a standard anthology as text and a history as supplementary reading. Required of all English majors.

Throughout the year.

Credit per semester, three hours.

HISTORY AND POLITICAL SCIENCE

The study of history and political science is a matter of vital importance to people everywhere and particularly for the men and women active in a democracy and preparing for fuller participation in citizenship in the modern world. The educated person must know what lies behind the issues of today; he must know the avenues through which and by which he may exercise his rights and carry out his responsibilities most effectively. Therefore every student is urged to carry more than the basic courses in this area. He should elect as much history and political science as time will permit.

MAJOR: History and political science courses are offered in several fields. Beyond two years of basic courses, History 11, 12 or History 13, 14, and History 33, 34, the major student should select a minimum of 20 semester hours numbered above 50 making a total of a minimum of 32 hours for a major. It is recommended that these be from as many fields as possible. The course program of each major must receive the approval of the departmental advisor.

Students planning on entering public school teaching may follow the program for a history and political science major or, preferably, the program for the teaching major in the social studies. (See page 119 for this curriculum.)

A. HISTORY

11. HISTORY OF EUROPE, 1500-1815.

A study of the growth and struggle of national states and powers, and the attending effects. An introductory course, not open to those who have taken History 13 and 14.

First semester.

Credit, three hours.

12. HISTORY OF EUROPE, 1815 TO PRESENT.

A study of the development of modern states and their governments, the rise of democracy, the World Wars and the post-war problems, as time permits. Should be carried as sequence to course 11. Not open to those who have taken History 13 and 14.

Second semester.

Credit, three hours.

13, 14. HISTORY OF CIVILIZATION.

This course aims to provide the student with a better understanding of the civilization in which he lives through a knowledge of the great cultures in which it has its roots. America is part of the great stream of Western European civilization. The emphasis of the course is on the history of the rise and development of institutions and ideas in the world. Not open to those who have taken History 11, 12.

Throughout the year.

Credit per semester, three hours.

33. HISTORY OF THE UNITED STATES (1492-1865).

This is a survey course in which causal relations are emphasized. Special study is made of social, economic, and constitutional developments, and sectional problems. Open to freshmen and sophomores.

First semester.

Credit, three hours.

34. HISTORY OF THE UNITED STATES (1865-1945).

Second portion of the survey course in American History. Emphasis is placed on industrial, labor, and agricultural problems, domestic and foreign policies, and economic and social legislation. Open to freshmen and sophomores.

Second semester.

Credit, three hours.

47. WORLD NEWS OF THE WEEK.

Open only to freshmen and sophomores. Majors and upperclassmen interested in contemporary problems should enroll in History 84.

First semester.

Credit, two hours.

51. CULTURAL HISTORY OF THE EARLY MEDITERRANEAN.

A study of the art, architecture, literature, science and religion, together with the social phases of man's development, from the early Egyptian and Babylonian history through the Roman period. Special emphasis is placed upon Greek institutions and culture. Alternate years, 1948-1949.

First semester.

Credit, three hours.

52. CULTURAL HISTORY OF THE MIDDLE AGES.

A study of the development in education, literature, religion, art, science through the Renaissance and the Reformation. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

53. HISTORY OF HISPANIC-AMERICA: COLONIAL PERIOD.

A study of the early native cultures and colonization of Central and South America. Alternate years, 1949-1950.

First semester.

Credit, three hours.

54. HISTORY OF HISPANIC-AMERICA: NATIONAL PERIOD.

A study of the social, cultural, economic, and political growth of the various countries, with special emphasis upon their relationship to hemispheric problems. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

55. HISTORY OF ENGLAND.

A study of the social, cultural, economic, political, and constitutional history of England from Roman times to the period of Queen Victoria. Alternate years, 1949-1950. Recommended prerequisite: History 11, 12.

First semester.

Credit, three hours.

56. HISTORY OF ENGLAND.

A study of English history from the period of Queen Victoria, emphasizing English imperialism, problems of foreign and domestic policy, and the Commonwealth. Prerequisite: History 55. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

57. AMERICAN DIPLOMACY AND FOREIGN RELATIONS.

A study of the relations of the United States with other powers from the Revolutionary War to the present. Shifting of the interpretation of the Monroe Doctrine and the growth of various policies since 1898 are traced into present policies and problems.

First semester.

Credit, three hours.

58. RECENT AMERICAN HISTORY.

A study of economic, social, and political problems facing the United States since 1900. Special emphasis on discussion of critical problems due to growth of big business, domestic and foreign trade, and expansion. Prerequisite: History 84.

Second semester.

Credit, three hours.

59. ENGLISH CONSTITUTIONAL HISTORY.

Same as Political Science 59. (Can be credited either as history or political science.)

First semester.

Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

Same as Political Science 61. (Can be credited either as history or political science.)

Alternate years, 1949-1950.

First semester.

Credit, three hours.

63. POLITICAL GEOGRAPHY.

A study of geographic factors in determining political boundaries, centers, pressures, powers, etc.

First semester.

Credit, three hours.

64. INTERNATIONAL RELATIONS.

Same as Political Science 64. (Can be credited either as history or political science.)

Alternate years, 1948-1949.

Second semester.

Credit, three hours.

67. THE DEVELOPMENT OF EUROPE, 1648-1870.

A study of the Age of Louis XIV, the French Revolution, the Industrial Revolution, the Revolutions of 1830 and 1840, and the growth of imperialism. Recommended prerequisite: History 18, 14 or 55, 56. Alternate years, 1949-1950.

First semester.

Credit, three hours.

68. THE DEVELOPMENT OF EUROPE, 1870-1918.

A study of the continued rise of European imperialism with special emphasis upon the social, economic, political, and philosophical differences which led to World War I. Prerequisite: History 67. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

70. HISTORY OF ROME.

From early times to about 476 A.D. An attempt to interpret the political history in the light of social, economic, and religious movements.

Second semester.

Credit, three hours.

71. EUROPE SINCE 1918.

A study of the social, political, economic, and ideological developments of the period between world wars; Hitler's plan for world domination; post-war developments; and organization for the preservation of world peace.

First semester.

Credit, three hours.

74. HISTORY OF THE FAR EAST.

A study of the peoples and cultures of India, China, Japan, French Indo-China, and Indonesia and of their relationships to the western world. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

76. RUSSIAN HISTORY.

A study of the Russian internal and external policies with their geographic, economic, and political backgrounds. This course will emphasize the roots of the present situation. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

81. STUDIES IN EUROPEAN HISTORY.

An advanced course in European History. The field of concentration will be decided by the instructor. Work will consist of readings, reports and a paper. Prerequisites: History 67 and 68.

Second semester.

Credit, two hours.

82. STUDIES IN AMERICAN HISTORY.

An advanced course in American History. The field of concentration will be decided by the instructor after consultation with the students. Work will consist of readings, reports and a paper. Prerequisites: History 33 and 84.

Second semester.

Credit, two hours.

84. CONTEMPORARY PROBLEMS.

This course is an intensive study of selected major world problems for majors, juniors and seniors. Prerequisites: History 11, 12, or 13, 14; and two in American field.

Second semester.

Credit, three hours.

85. SOCIAL STUDIES METHODS.

A special course in the methods and materials in teaching the social studies at the junior and senior high school levels. Emphasis is on studies of procedures, curricular practices in various systems, teaching aids, trends, preparation of resource and teaching units, evaluation, etc. A curriculum laboratory is being built in the library to aid teachers through new materials.

First semester.

Credit, two hours.

91. PRO-SEMINAR IN HISTORY.

An introduction to the seminar method of research with special emphasis upon the importance of high ethical and professional standards. Senior history majors by permission.

First semester.

Credit, two hours.

B. POLITICAL SCIENCE**31. NATIONAL GOVERNMENT.**

A study of the national government from its origins through its development to the present with emphasis on procedure and practical governmental problems.

First semester.

Credit, three hours.

32. STATE AND LOCAL GOVERNMENT.

A study of the procedures of government in all the states with special reference to Michigan. Local government is studied with its various functions and applications.

Second semester.

Credit, three hours.

52. POLITICAL PARTIES AND ELECTORAL PROBLEMS.

A study of political parties, their history and how they operate, and of the conduct and problems of elections.

Second semester.

Credit, three hours.

57. AMERICAN DIPLOMACY AND FOREIGN RELATIONS.

Same as History 57. (Can be credited either as history or political science.)

First semester.

Credit, three hours.

59. ENGLISH CONSTITUTIONAL HISTORY.

A study of the growth of English government and law. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

A study of the background of the constitution of the United States, the work of the Federal Convention of 1787, and the changes in the constitution as a result of Supreme Court decision. Written and oral reports required. Alternate years, 1949-1950.

First semester.

Credit, three hours.

64. INTERNATIONAL RELATIONS.

The development of international law, machinery, and systems is studied. Emphasis is on the operation of the agencies for international relations on the problems of the world today. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

LIBRARY SCIENCE

The purpose of the course in Library Science is to train students entering the teaching field for the position of Teacher-Librarian. The courses offered comprise a teaching minor in the field and are open to Juniors upon the recommendation of the librarian.

52. CLASSIFICATION AND CATALOGING.

A study of the Dewey Decimal Classification in its simplified form, both full and short form cataloging, and the mechanical preparation of books for the shelves. Lectures, two hours a week; laboratory, two hours. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

53. BOOK SELECTION AND PURCHASE.

A study of the evaluation of books on elementary and secondary school levels, selection aids, school library policies in selection, ordering, and treatment of invoices. Lecture, two hours; laboratory, two hours. Alternate years, 1948-1949.

First semester.

Credit, three hours.

54. READING GUIDANCE IN THE SECONDARY SCHOOL LIBRARY.

A study of the reading interests and habits of secondary school pupils, giving consideration to the materials and techniques for guidance. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

71. REFERENCE WORK.

A study of the evaluation, selection, and use of the reference books typical of a school library. Alternate years, 1949-1950.

First semester.

Credit, one hour.

73. SCHOOL LIBRARY MANAGEMENT.

A study of the management of elementary and secondary school libraries, stressing their social function, their relation to the school and the community, and their place in the development of the individual. Alternate years, 1949-1950.

First semester.

Credit, two hours.

75. LIBRARY PRACTICE.

This work is done in the libraries of the Holland Public Schools under efficient supervision.

Both semesters.

Credit, four hours.

MATHEMATICS

The courses in Mathematics are offered not only for those definitely majoring in the department or intending to use it as a tool in their applied fields, but also for those who desire them as a part of their general education. Thoroughness rather than multiplicity of courses is emphasized.

High School Prerequisites: All regular Freshman courses require for admission one and one-half years of high school algebra and one year of plane geometry. Those entering with only one year of algebra should take the course in Intermediate Algebra.

Major: Those who intend to major in Mathematics should take courses 13, 14 (or 15), 16, 31, and 51 and, in addition, two courses selected from courses 52, 53, 61, and 81. College Physics is required. The courses through 51 are required as a minimum. For completion of major, check with the Chairman of the Department.

11. INTERMEDIATE ALGEBRA.

Prerequisites: One year of High School Algebra and one year of Plane Geometry. Not to be counted towards a major in Mathematics.

Both semesters.

Credit, three hours.

12. SOLID GEOMETRY.

Prerequisites: One year of Plane Geometry and one year of High School Algebra.

First semester.

Credit, two hours.

13. COLLEGE ALGEBRA.

Prerequisites: One and one-half years of High School Algebra or course 11, and one year of Plane Geometry.

Both semesters.

Credit, three hours.

14. PLANE TRIGONOMETRY.

Prerequisites: One and one-half years of Algebra and one year of Plane Geometry.

Both semesters.

Credit, three hours.

15. GENERAL MATHEMATICS.

This course combines the fundamental topics of College Algebra and Plane Trigonometry. It is designed for those who for reason of accelerating their preparation must complete both College Algebra and Trigonometry in one semester. *Prerequisites:* Same as for courses 13 and 14.

Both semesters.

Credit, four hours.

16. ANALYTICAL GEOMETRY.

Regular course in Analytics. *Prerequisites:* Plane Trigonometry and College Algebra.

Both semesters.

Credit, four hours.

17. MATHEMATICS OF BUSINESS.

Prerequisites: One year of high school Geometry and one of Algebra. Not to be applied to a Mathematics major.

First semester.

Credit, three hours.

21. MECHANICAL DRAWING.
Both semesters. Credit, three hours.
31. DIFFERENTIAL CALCULUS.
Prerequisites: Plane Analytics.
Both semesters. Credit, four hours.
34. SPHERICAL TRIGONOMETRY.
Prerequisites: Plane Trigonometry and College Algebra.
First semester. Credit, two hours.
37. MATHEMATICS OF STATISTICS.
Prerequisites: Mathematics 13 and 14 or Mathematics 15.
Second semester. Credit, three hours.
41. DESCRIPTIVE GEOMETRY.
Prerequisites: Mechanical Drawing.
Both semesters. Credit, three hours.
42. PLANE SURVEYING.
Prerequisites: Plane Trigonometry.
Second semester. Credit, two hours.
43. ASTRONOMY.
Descriptive. Prerequisites: Plane Trigonometry.
Second semester. Credit, two hours.
44. AERIAL NAVIGATION.
Study of the four methods of navigation and of the various projections and charts in use, and drill in applications. Prerequisite: Plane Trigonometry.
Second semester. Credit, two hours.
51. INTEGRAL CALCULUS.
Prerequisites: Regular Mathematics courses through Differential Calculus.
Both semesters. Credit, four hours.
52. DIFFERENTIAL EQUATIONS.
Prerequisites: 8 hours of Calculus.
Both semesters. Credit, two hours.
53. SOLID ANALYTICS.
Prerequisites: Plane Analytics.
Second semester. Credit, two hours.
61. THEORY OF EQUATIONS.
Integral Calculus a prerequisite but may be taken at the same time.
First semester. Credit, three hours.
71. METHODS OF TEACHING MATHEMATICS.
This course is intended for Seniors through special arrangement with the Department of Education. It may be taken for credit in Mathematics if not desired for Education.
First semester. Credit, two hours.

81. ADVANCED CALCULUS.

Prerequisites: 10 hours of Calculus and Mathematics 53. Open to Seniors only except by special arrangement with instructor. Mathematics 53 may be taken at the same time.

Both semesters.

Credit, two hours.

82. ADVANCED CALCULUS.

Continuation of Mathematics 81.

Credit, two hours.

MODERN LANGUAGES

The courses offered in the first two years of the modern languages, French, German, and Spanish, are designed to provide the student with a good grammatical foundation, to give him some command of the spoken language, to develop a practical reading knowledge, and to cultivate the understanding of other peoples, cultures and institutions as revealed in their literature, periodicals and national activities. The upper level courses are designed to broaden the student's knowledge as well as give him practical training in the use of the language.

Students who plan to do graduate work in English are advised to study French; those majoring in Science are advised to study German and secure a reading knowledge of French; music majors should study German and French; business majors are advised to study Spanish. For the Ph.D. degree a reading knowledge of French and German is required in most universities, although in certain cases Spanish may be substituted. For students planning to get an M.A. a reading knowledge of one of the modern languages is usually required.

Two years of study on the high school level will admit a student to the Intermediate course (31) if he passes an examination given at the beginning of the fall term. An examination is required of all students desiring advanced standing in any modern language. Full credit will be granted for any course in addition to the language requirement.

MAJOR: To secure a major in French, German or Spanish the student is required to take twenty-five (25) hours above the first year courses. Not more than eight (8) hours of work on the intermediate level (courses numbered below 50) will be accepted toward a major. To secure a composite major the student must elect a minimum of nine (9) hours advanced study (courses numbered above 50) in one language and five (5) hours in the other.

Students who desire to teach the language should consult with their major professor in regard to the courses and hours required.

FRENCH

11, 12. ELEMENTARY FRENCH.

A first year course in the essentials of pronunciation and grammar; reading, oral and aural practice. For students with no previous study of French.

Throughout the year.

Credit per semester, four hours.

13. SCIENTIFIC FRENCH.

Designed to meet the needs of students planning to do research in science, this course stresses the translation of scientific French and uses a short, scientific grammar. No previous knowledge of the language is necessary. This course can not be substituted for French 11.

First semester.

Credit, four hours.

31, 32. INTERMEDIATE FRENCH.

Grammar review; more extensive reading; composition and aural-oral practice. Prerequisite: courses 11, 12 or two years of high school French.

Throughout the year.

Credit per semester, four hours.

41, 42. INTERMEDIATE FRENCH CONVERSATION.

Prerequisite: 11 and 12 or two years of high school French. Designed to give more extensive oral-aural practice. May be taken one or both semesters.

Throughout the year.

Credit per semester, two hours.

51. SURVEY OF FRENCH LITERATURE.

Representative authors will be read and discussed with emphasis on the early forms of literature, the Renaissance and the classical period. This course is prerequisite to other literature courses and must be taken by French majors.

First semester.

Credit, three hours.

52. CONTEMPORARY FRENCH LITERATURE.

A study of the trends in literature after 1900 with emphasis on the literature produced between 1914 and 1940. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

53. EIGHTEENTH CENTURY LITERATURE.

French thought as reflected in French literature from 1715 to the Revolution. Special emphasis on Montesquieu, Voltaire, Rousseau, and Diderot. Alternate years, 1949-1950.

First semester.

Credit, three hours.

54. MODERN FRENCH LITERATURE.

A study of the trends in the novel, short story and poetry from 1850-1900. Not given 1948-1949.

Credit, three hours.

55. FRENCH CIVILIZATION.

Emphasis upon the position of French literature, art, and music. Some knowledge of French history is desirable but not prerequisite. No knowledge of the French language is necessary. Open to any student. Given every third year, 1949-1950.

Second semester.

Credit, three hours.

71. ROMANTICISM.

A study of the romantic prose, poetry and drama of the period from 1800-1850. Not given 1949-1950.

First semester.

Credit, three hours.

72. MASTERPIECES OF FRENCH DRAMA.

Typical works of the great playwrights will be studied in relation to social and literary backgrounds. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

73. FRENCH PHONETICS.

Course designed to give individual attention to pronunciation of sounds and words according to phonetic symbols. Recommended for students who have not studied symbols and designed to accompany course 31. Required of all French majors. Phonograph records are used to achieve correct intonation and pronunciation. Alternate years, 1950-51.

First semester.

Credit, two hours.

74. ADVANCED COMPOSITION AND GRAMMAR REVIEW.

A thorough review of grammar and use of idiomatic French. Required of French majors. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the modern languages and literature to Junior and Senior High School students. Required of all planning to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

GERMAN**11, 12. ELEMENTARY GERMAN.**

This is a beginning course. The work consists of grammar, pronunciation, reading and the memorizing of poems. The use of the language is encouraged by speaking and writing.

Throughout the year.

Credit per semester, four hours.

14. ELEMENTARY GERMAN ALTERNATE.

This course is open to those who studied German in secondary school or those desiring a refresher course. A rapid review of the entire grammar, composition and oral work is included. Classics are read.

Second semester.

Credit, three hours.

31, 32. INTERMEDIATE GERMAN.

This course is open to those students who have completed courses 11, 12 or passed a comprehensive examination. The German short story is studied. Supplementary reading. Composition and grammar review. German Drama forms the basis for study during the second semester. Supplementary reading.

Throughout the year.

Credit per semester, four hours.

41, 42. GERMAN CONVERSATION.

Open to students on or above the intermediate level. A single semester may be taken.

Throughout the year.

Credit per semester, two hours.

51. MODERN GERMAN DRAMA.

A study of the works of the best modern dramatists. Special reports and supplementary reading will introduce other authors than those studied in class.

First semester.

Credit, three hours.

52. THE GERMAN NOVEL.

Some classical and some modern novels will be read.
Second semester.

Credit, three hours.

53. MODERN GERMAN SHORT STORIES.

Short stories by classic and modern authors will be read. Supplementary reading.
First semester.

Credit, two hours.

54. GERMAN POETRY AND OPERA.

A survey course covering development of verse in German literature beginning with the *Nibelungenlied*.
Second semester.

Credit, two hours.

55. GERMAN CIVILIZATION.

A knowledge of German is not required. The course includes a survey of the development of the German people along cultural lines; music, art, literature and philosophy. Given every third year, 1948-1949.
First semester.

Credit, three hours.

61. SCHILLER.

A careful study is made of the life and works of Schiller.
First semester.

Credit, three hours.

62. GOETHE.

This course will include a survey of Goethe's works with special attention to the lyrics and dramas.
Second semester.

Credit, three hours.

63. THE ROMANTIC SCHOOL AND HEINRICH HEINE.

Selections from romantic prose and verse will be read. The general literary trends of the period will be considered.
First semester.

Credit, two hours.

64. GRAMMAR REVIEW.

This course is intended for students who are preparing to teach German or to pursue research where a knowledge of the language is essential.
Second semester.

Credit, two hours.

72. SCIENTIFIC GERMAN.

This course is intended to meet the needs of students planning to do research.
Second semester.

Credit, two hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the modern languages and literature to Junior and High School students. Required of all planning to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.
Second semester.

Credit, two hours.

SPANISH**11, 12. ELEMENTARY SPANISH.**

A first year course in the essentials of pronunciation and grammar; graded reading of modern Spanish text; aural and oral practice. For students with no previous study of Spanish.
Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE SPANISH.

Grammar review; practice in conversation and composition; progressively more extensive reading. Prerequisite: two years of high school Spanish at entrance or completion of Spanish 11, 12.

Throughout the year.

Credit per semester, four hours.

41, 42. INTERMEDIATE SPANISH CONVERSATION.

Designed to confer greater oral-aural proficiency. To accompany Spanish 31 or 32 or a literature course. May be taken one or both semesters.

Throughout the year.

Credit per semester, two hours.

51. MASTERPIECES OF SPANISH LITERATURE.

A brief survey of Spanish literature and the reading and discussion of such world renowned masterpieces of Spanish literature as *Libro de Buen Amor*, *La Celestina*, *Lazarillo de Tormes*, *Don Quijote*, and others. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1948-1949.

First semester.

Credit, three hours.

52. SPANISH LITERATURE OF THE GOLDEN AGE.

Introductory lectures on the principal literary forms of *El Siglo de Oro*. Extensive readings and class discussions on the theater of Lope de Vega, Tirso de Molina, Alarcón, Calderón, and others. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

55. HISPANIC CIVILIZATION.

This course will deal broadly with the universal aspects of Spanish civilization. Special emphasis is given to the common features of Spanish-speaking countries as expressed in life, thought, religion, art, and literature. Some knowledge of philosophy and history would be desirable. Knowledge of the Spanish language is not required. This course is open to all students. Given every third year, 1950-1951.

Credit, three hours.

61. SPANISH LITERATURE OF THE NINETEENTH CENTURY — THE NOVEL.

Introductory lectures and readings on romanticism and realism. Emphasis will be placed on the regional novel and the modern Spanish novel, beginning with Fernán Caballero and reaching its climax with Pérez Galdós. Prerequisite: Spanish 31, 32 or permission of the instructor. Given alternate years, 1949-1950.

First semester.

Credit, three hours.

62. CERVANTES AND HIS AGE.

A study of Cervantes' artistic creation and relation to the culture of the Sixteenth Century. Special emphasis is given to the *Don Quijote* and the *Novelas ejemplares*. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

71. SURVEY OF SPANISH-AMERICAN LITERATURE.

A survey of Spanish-American literature from the period of the conquest to the present day. The reading of representative authors with particular emphasis on the modern period. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950.

First semester.

Credit, three hours.

72. CONTEMPORARY SPANISH LITERATURE.

Lectures and readings in the leading writers of Spanish beginning with the so-called Generation of 1898. An examination of the resurgence of Spanish letters as evidenced in poetry, the short story, the novel, and the essay. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

73. COMMERCIAL SPANISH.

Designed to acquaint the student with the language of modern commercial and industrial practices. Practical exercises in commercial letter writing and in the proper use of commercial and industrial terminology as it relates to American business. Alternate years, 1950-1951.

Credit, two hours.

74. ADVANCED COMPOSITION.

Includes a thorough grammar review, idiom study and stylistic expression. Required of Spanish majors. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the modern languages and literature to Junior and Senior High School students. Required of all planning to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

MUSIC

The Music Department of Hope College has two aims: to supply the Liberal Arts student with an elective musical background which will assist him in being aware and appreciative of the growing musical heritage of civilization, and to train the student who wishes to make music his individual vocation. A student in the first group will find ample opportunity to enrich his musical knowledge by enrolling in any of the fundamental Theory courses and any of the Applied Music courses which suit him. A student of the second group, if he wishes to teach music in the school systems, should select the Elementary or Secondary Music Education program; if he does not desire to teach in the schools, but wishes to prepare himself as a performing artist, he should select the Applied Music Major program. Either major course is also designed as a basic program toward continued study in graduate schools of music.

MAJOR: A student who wishes to major in music must start work in the department in his Freshman year, following the suggested schedule closely. At the close of his Sophomore year he will make written application to the Chairman of the Department, at which time he will be admitted or rejected as a major in the Music Department by a decision of the Music Faculty. A major in Secondary Music Education requires a minimum of 53 hours in music courses; in Elementary Music Education, 40 hours; and in Applied Music, 44 hours.

Requirements for a major in Secondary Vocal Music Education:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 71, 72, 73, 75 — 34 hours.
Applied Subjects: Voice (Must reach at least Voice 64) — 10 hours.
Piano 21, 22, 41, 42 — 4 hours.
Music Electives: 5 hours.
Total: 53 hours.

Every major in Vocal Music Education must put in three full years' work in the Choir or either of the Glee Clubs.

Requirements for a Major in Secondary Instrumental Music Education:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 57, 58, 74, 76 — 34 hours.
Applied Subjects: Major Instrument (Must reach at least Instrument 68) — 8 hours; Strings 27, 28; Winds 27; Brasses 27; Piano 21, 22 — 6 hours.
Music Electives: 5 hours.
Total: 53 hours.

Every major in Instrumental Music Education must put in three full years' work in either Orchestra, Band or Piano Ensemble.

Requirements for a Major in Applied Music:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 75 or 76 — 28 hours.
Applied Subjects: (One combination)
1. Voice (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.
2. Organ (10 hours), Voice (4 hours) and Ensemble (2 hours) — 16 hours.
3. Piano (10 hours), Voice (2 hours) and Instrument (2 hours) and Ensemble (2 hours) — 16 hours.
4. Instrument (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.
Total: 44 hours.

Requirements for a Major in Elementary Public School Music:

Theoretical Subjects: Music 15, 16, 17, 18, 35, 36, 56, 75, 76 — 20 hours.
Applied Subjects: Piano, Voice, Instrument (5 each) — 15 hours.
Music Electives: 5 hours.
Total: 40 hours.

Students desiring to fulfill the minor requirements for teacher certification must elect 15 hours of music. Courses 15, 16, and 56, or 73 or 74 are required.

Following is the course outline for the various music major programs for the first two years. Senior college courses of study will be outlined by the department chairman.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
Music 15, 16	4	4
Music 17, 18	2	2
Applied Music	1	1
English 11, 12	3	3
Language 11, 12	4	4
Bible 11	2	—
Speech 11	—	2
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Music 31, 32	3*	3*
Music 35, 36	2	2
Applied Music	2	3*
English 31, 32	3	3
Language 31, 32	4	4
Psychology 31	3	—
Bible 31	—	2
	<hr/> 17	<hr/> 17

*Omit in the elementary public school music major.

*Two hours for the Applied Music Major and Elementary Music Major.

THEORETICAL COURSES

11, 12. HARMONY.

A beginning course with emphasis on four-part writing, including the structure and use of primary and secondary triads with their inversions. Melody harmonization. All seventh chords and their resolutions. The dominant ninth. For non-majors.

Throughout the year.

Credit per semester, three hours.

13, 14. EAR TRAINING AND SIGHT SINGING.

A course designed for any student desirous of becoming more familiar with music. Melodies and harmonic rhythm dictation. For non-majors. Course 13 is a prerequisite for elementary teachers who are not able to pass the diagnostic test for admission to course 56.

Throughout the year.

Credit per semester, two hours.

15, 16. BASIC THEORY.

A beginning course for music majors with emphasis on fundamentals of music, including meter, rhythm, sightsinging, scales, intervals, chord structure, and the uses of chords and their inversions. For Majors only.

Throughout the year.

Credit per semester, four hours.

17, 18. APPRECIATION OF MUSIC.

A non-technical study of the origin and styles of music and their development in order to give a clear understanding of their significance. The first semester includes the Polyphonic and Classical periods; the second semester, the Romantic and Modern periods. Course 17, or approval from Music Department prerequisite to course 18.

Throughout the year.

Credit per semester, two hours.

31, 32. ADVANCED HARMONY.

Altered chords and resolutions. Ninth, eleventh, and thirteenth chords. Transitions, regular and extraneous modulation. Embellishments and figurations. Harmonic analysis. Other scales and the harmony thereof. Original work.

Throughout the year.

Credit per semester, three hours.

35, 36. HISTORY OF MUSIC.

A general cultural survey course on the development of the art of music from the time of primitive man to the present, with the use of illustrative material and records. Course 35 or approval from Music Department prerequisite to course 36.

Throughout the year.

Credit per semester, two hours.

51, 52. FORM AND ANALYSIS.

A practical and analytical course in the structure of the forms of music with emphasis on the Sonata Form, and on the form of the Fugue, with use of "The Well-tempered Clavichord."

Throughout the year.

Credit per semester, two hours.

56. ELEMENTARY MUSIC METHODS.

Prerequisite—Music 13 or permission of the instructor, to be given upon successful completion of a diagnostic test. Materials in both instrumental and vocal music will be taught.

Second semester.

Credit, two hours.

57, 58. ORCHESTRATION.

The first semester will start with a study of the history and technical limitations of the instruments of the modern orchestra. Arranging for woodwind, brass, and string ensembles, progressing to the scoring for symphonic band will follow. During the second semester piano, vocal, and organ works will be adapted for little symphony and the full symphony orchestra.

Throughout the year.

Credit per semester, two hours.

71, 72. COUNTERPOINT.

Contrapuntal writing in two and three voices in the first three species of strict counterpoint. The second semester is devoted to writing in four voices in fourth and fifth species. Free Counterpoint. Inversions. Offered alternate years (1949-1950).

Throughout the year.

Credit per semester, two hours.

73. SECONDARY VOCAL METHODS.

Study and observation of secondary teaching techniques, with examination of materials. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

First Semester.

Credit, two hours.

74. SECONDARY INSTRUMENTAL METHODS AND ADMINISTRATION.

A study of the problems peculiar to the teachings of instrumental music in both class and private instruction. Sections will be devoted to the selection of text books and music, the selection, care, and repair of orchestral instruments, and teaching procedures for instrumental music. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

Second Semester.

Credit, two hours.

75. CHORAL CONDUCTING.

A practical study of conducting of community songs and choral music. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

First Semester.

Credit, two hours.

76. INSTRUMENTAL CONDUCTING.

A study of orchestral scores and transposition. Detailed work in the technique of the baton and the rehearsal problems of orchestral, band and smaller instrumental groups. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

Second Semester.

Credit, two hours.

77. MUSIC OF THE CHURCH.

A course designed to help ministers, choir directors, organists and singers in a study of music of the church. Included is a brief history of church music, and the study of hymnology, classification of anthems, and elementary music theory. Recommended for pre-seminary students.

First Semester.

Credit, two hours.

APPLIED MUSIC COURSES

All courses in Applied Music are open to students of varying degree of preparation, from beginners to advanced students. All music majors are required to pass an examination each semester under the jury system, and after approval by a faculty jury are required to give a recital during the senior year. Upon request each major student may secure a chart indicating proficiency levels to be attained each year of study. Hope College maintains a Junior Piano Department for students of elementary and high school ages. A schedule of Applied Music fees will be found on page 46, as well as fees for the Junior Piano Department.

A maximum of 3 semester hours of Choir, Band or Orchestra will be allowed as elective credit toward a major in music.

All private lessons are of 30 minutes' duration. Lessons in Applied Music will not be made up unless the student notifies the instructor a reasonable time in advance of his absence. Private lessons falling on legal and special holidays will not be made up. All Applied Music students are required to fulfill practice time requirements.

21, 22; 41, 42; 61, 62; 81, 82. Piano
23, 24; 43, 44; 63, 64; 83, 84. Voice
25, 26; 45, 46; 65, 66; 85, 86. Organ
27, 28; 47, 48; 67, 68; 87, 88. Instrument (violin, viola, cello, string bass, flute, oboe, clarinet, bassoon, trumpet, French horn, trombone).

The above private lessons are open to all students in relation to their degree of proficiency. The letter "M" will be affixed to the course number in the case of students majoring in that field of Applied Music. There are certain entrance requirements for some of the Applied Music major fields, as follows:

PIANO.

To be admitted as a piano major candidate a student must be able to play the following or at the equivalent level:

1. Major and minor scales in 4 octaves.
2. Technical studies as Czerny or the Sonatinas.
3. The Bach Little Preludes.
4. The Mozart C Major Sonata.

INSTRUMENT.

To be admitted as an instrument major candidate a student shall be required to play, on his major instrument, the following or at the equivalent level:

Violin —

Working knowledge of the first 5 positions, vibrato, major and minor scales through 3 sharps and flats. Etudes by Kayser and Wohlfahrt, and pieces by Bach and Corelli or equivalent.

Clarinet —

Major and minor scales through 3 sharps and flats; Langenus Book II, Baermann Book II; solos such as "Fantasie de Concert" by Avon and "Mazurka" by Mylnarsky or equivalent.

Cornet —

Williams method books I and II, major and minor scales through three sharps and flats; Trumpet Etudes by Hering; selected solos.

8. PREPARATORY PIANO.

Prospective piano majors unable to meet the above piano entrance requirements will enroll in this course until the deficiency is made up.

No credit.

9. PREPARATORY INSTRUMENT.

Prospective instrument majors unable to meet the above instrument entrance requirements will enroll in this course until the deficiency is made up.

No credit.

10. CONCERT CHOIR.

Membership of 60 voices determined by audition at the beginning of the Fall term. Throughout the year.

Credit per year, one hour.

20. ORCHESTRA.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Credit per year, one hour.

30. BAND.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Credit per year, one hour.

49, 50. PIANO ENSEMBLE.

An applied music course in two-piano work. Standard repertoire of original two-piano compositions of Mozart, Brahms, etc., are used. A fee of \$2.50 per semester is charged. Prerequisites: piano-playing ability of at least a third-grade level.

Throughout the year.

Credit per semester, one hour.

69, 70. INSTRUMENTAL ENSEMBLE.

A course designed to acquaint the student with small ensemble literature and give him the opportunity to play as much of it as possible.

Throughout the year.

Credit per semester, one hour.

PHILOSOPHY

Philosophy is a study of the structural principles, the essential meanings, and the basic values of our world, of ourselves and of our culture. The objectives of this department are as follows: to provide acquaintance with the literature and ideologies of representative philosophers; to develop philosophic analysis, criticism and perspective; to cultivate the application of these principles to various institutions and interests; and to aid in building a more adequate philosophy of life.

A major in philosophy is satisfied by completing twenty-five semester hours of courses in the department. The course program for a major must be approved by the head of the department.

A pre-theological composite major requires courses numbered 31, 51, 52, and 71 and five additional semester hours in the philosophy department.

31. INTRODUCTION TO PHILOSOPHY.

This is a beginning course to familiarize students with the vocabulary, method, purpose, and scope of Philosophy. Should precede courses 51, 52, 74, 75, 76, 77.

Both semesters.

Credit, two hours.

51. ANCIENT AND MEDIEVAL PHILOSOPHY.

A study of Greek and Roman philosophy, of the Church Fathers, and of Scholasticism.
First semester.

Credit, three hours.

52. MODERN PHILOSOPHY.

A study of Empiricism and Rationalism, of Idealism, Realism, and Pragmatism.

Second semester.

Credit, three hours.

53. LOGIC.

A study of the nature of the syllogism, of the fallacies of deduction, of the principles of scientific investigation and verification, and of the application of reflective thought to social and value problems.

First semester.

Credit, three hours.

54. THEISM.

An investigation of the grounds and the implications of accepting the sovereign personal God as revealed in the Incarnation of Christ.

Second semester.

Credit, two hours.

71. ETHICS.

A comparison of the theories of morality, an investigation of the principles of moral evaluation, and their application to personal and social problems.

Both semesters.

Credit, three hours.

74. AMERICAN PHILOSOPHY.

The aim of this course is to trace the development and influence of philosophical ideas in the United States.

First semester.

Credit, three hours.

75. PHILOSOPHY OF RELIGION.

A survey course reviewing the grounds of religion and tracing its interrelations with man's other cultural pursuits.

First semester.

Credit, two hours.

76. TWENTIETH CENTURY PHILOSOPHY.

A study of some of the prevailing systems of thought of the present time.

Second semester.

Credit, three hours.

77. PLATO.

A survey of the Republic and other Platonic dialogues with emphasis upon elements that have become significant for western culture.

First semester.

Credit, three hours.

PHYSICAL EDUCATION FOR MEN

REQUIRED PHYSICAL EDUCATION: All men students are required to take 72 clock hours of physical education. Unless permission is granted, this work is to be taken in the Freshman year.

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: An intramural program for men is open to all male students. It includes the following sports: basketball, bowling, soft ball, tennis, and track. Teams are organized on an interclass, dormitory, or intersociety basis.

All men are encouraged to participate in intercollegiate sports. The major sports are football, basketball, and baseball. The minor sports are track and field, tennis, and golf. In order to be eligible for intercollegiate competition, students must meet the academic eligibility requirements of the Michigan Intercollegiate Athletic Association.

PROGRAM FOR CERTIFICATE (Minor) IN PHYSICAL EDUCATION: A program of courses designed to meet the requirements of the certification board of Michigan for a teaching minor in Physical and Health Education has been established. The program is for those who are taking a teachers' major in some other subject and wish to be prepared also to coach and teach physical and health education. To fulfill the minor requirements, a student must complete sixteen semester hours of courses, including Biology 34 (Physiologic Hygiene); Biology 35 (Human Anatomy); Physical Education 31 and 52; and six semester hours of Techniques courses chosen from Physical Education 61, 62, 63, and 64.

No student will receive credit toward graduation for Physical Education courses 61, 62, 63, and 64 unless these courses are taken as part of the Physical Education minor.

11, 12. PHYSICAL EDUCATION ACTIVITIES.

This is the required course for all men students, and is to be taken in the Freshman year. The course includes calisthenics, and participation in individual and group games and sports.

Both semesters.

Activity Credit.

31. INTRODUCTION TO PHYSICAL EDUCATION.

This course seeks to orient the student to professional work in this field. It will include history, principles, philosophy, aims and objectives of physical education. Required of all physical education minors, it should be elected in the sophomore or junior year.

First semester.

Credit, two hours.

52. KINESIOLOGY.

A comprehensive study of the musculo-skeletal system and its action, with special reference to the field of health and physical education. Prerequisite: Biology 35 (Human Anatomy).

Second semester.

Credit, two hours.

54. COMMUNITY RECREATION.

This course traces the development of the modern recreational movement, studies the principles and practices in the organization of recreational group work, and presents the methods of planning and administering community recreation programs. This course is valuable for those planning to enter the ministry, teaching, or scout work, as well as for those who plan to enter community recreation work.

Second semester.

Credit, three hours.

61. FUNDAMENTALS AND TECHNIQUES OF BASKETBALL.

A study of the fundamentals of basketball and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

Credit, two hours.

62. FUNDAMENTALS AND TECHNIQUES OF FOOTBALL.

A study of the fundamentals of football and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

Credit, two hours.

63. SPORTS FOR RECREATION.

A course designed to teach the fundamentals of minor sports such as tennis, golf, badminton, and handball and the techniques of directing and coaching them. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

Credit, two hours.

64. FUNDAMENTALS AND TECHNIQUES OF BASEBALL AND TRACK.

A study of the fundamentals of baseball and track and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

Credit, two hours.

PHYSICAL EDUCATION FOR WOMEN

REQUIRED PHYSICAL EDUCATION: All women students are required to take 72 clock hours of physical education. Unless special permission is granted, this work is to be taken in the Freshman year:

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: All female students may become members of the Women's Athletic Association. This organization is governed by a board consisting of elected representatives from each of the three upper classes, who sponsor all intramurals for women. Under this program, those who wish may take part in volleyball, softball, basketball, badminton, tennis, bowling, ping pong, and other minor sports. Teams and tournaments are organized during the school year and awards are granted on the basis of participation. In addition to this regular program, those who show unusual interest and ability are given opportunities to represent Hope College in athletic meets held several times during the year, at other colleges in this vicinity.

PROGRAM FOR CERTIFICATE (Minor) IN PHYSICAL EDUCATION: Any woman student in pursuit of a secondary provisional teachers certificate with a major in a chosen academic field may be granted a certificate (minor) in physical education, by successfully completing the following requirements:

1. The student must be examined by the college health service, and secure a written statement that she is in sound physical condition and is able to carry on a strenuous program of activity. This statement must be presented to the head of the women's physical education department.
2. The student must take the following credit courses: Biology 34 (Physiologic Hygiene), Biology 35 (Human Anatomy) Physical Education 31, 52, and 76; and either Physical Education 53 or 54, or 75.
3. The student must take 180 clock hours of activities courses, to be chosen from the following: Physical Education 11, 12, 13, 14, 15, 16.
4. The student must also take Physical Education 71 and 72.

11. FIELD HOCKEY AND GYMNASTICS.

Part of this course will be devoted to learning the techniques and practice of field hockey. During inclement weather the class will meet indoors to work on conditioning, coordination, and grace of body movement.

First semester.

36 clock hours activity credit.

12. VOLLEYBALL AND SOFTBALL.

Half of this course will be spent learning and playing volleyball and related games, and the other will be devoted to learning the techniques of softball, and to playing the game.

Second semester.

36 clock hours activity credit.

13. REMEDIAL GYMNASTICS.

This course is designed to meet the needs of students who show postural or other physical defects, and endeavors to correct these faults by remedial exercises.

First semester.

36 clock hours activity credit.

14. ARCHERY, BADMINTON, AND MINOR SPORTS.

Designed to give the student an opportunity to develop skill in these sports, as well as some experience in coaching and officiating.

Both semesters.

36 clock hours activity credit.

15. RHYTHM WORK AND TUMBLING ACTIVITIES.

In this course the student will learn fundamental rhythms and Folk Dances representative of many countries, as well as Early American Square Dances. Time will also be spent in learning the basic skills of tumbling, stunts, and pyramid building.

First semester.

36 clock hours activity credit.

16. BASKETBALL AND TENNIS.

Designed to give the student an opportunity to develop skill in these sports, as well as some experience in coaching and officiating.

Both semesters.

36 clock hours activity credit.

31. INTRODUCTION TO PHYSICAL EDUCATION.

Same as Physical Education 31 for men.

First semester.

Credit, two hours.

52. KINESIOLOGY.

Same as Physical Education 52 for men.

Second semester.

Credit, two hours.

53. CORRECTIVE AND RESTRICTED EXERCISE.

This class is designed to acquaint the student with common postural faults, the causes for these faults, and the exercise methods used to correct or arrest them. Further, the student will learn diversional activities in the field of physical education which are indicated in cases where, for medical reasons, girls are not permitted to take regular class exercise.

First semester.

Credit, two hours.

54. COMMUNITY RECREATION.

Same as Physical Education 54 for men.

Second semester.

Credit, three hours.

71. ASSISTING IN PHYSICAL EDUCATION TEACHING

This class is offered to further prepare the student for teaching physical education. Here she will assist the instructor and gain experience in keeping records, grading, tests and measurements, and in the purchase, use, and care of equipment.

Both semesters.

36 clock hours activity credit.

72. ASSISTING IN WOMEN'S INTRAMURALS.

The purpose of this course is to give practical experience in the operation and direction of a program of intramurals. The student will assist in setting up a program, drawing up tournaments, advertising the events, and keeping records which are necessary.

Both semesters.

36 clock hours activity credit.

75. TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.

This course is designed to acquaint the student with the games, rhythms, story-plays, and other physical activities suitable for each of the elementary grades. Specific attention is given to objectives and methods of organization, and each student is required to do practice teaching in these activities as part of the class work. Elective to prospective elementary school teachers and women taking a minor in Health and Physical Education.

First semester.

Credit, two hours.

76. TEACHING PHYSICAL EDUCATION IN THE SECONDARY SCHOOL.

This course consists of a thorough study of the fundamentals and rules of games of higher organization, and of mass and individual sports. Practical experience is given in lesson planning, organizing, teaching and officiating.

Second semester.

Credit, three hours.

PHYSICS

MAJOR: A major in Physics can be met by completion of twenty-five semester hours of courses approved by the head of the department.

11. METEOROLOGY.

A study of the various physical processes and laws underlying the phenomena of weather and climate. Such topics as the composition of the atmosphere, the physical behavior of dry air and moist air, including normal, dry adiabatic, and saturated adiabatic lapse rates, clouds, fogs, precipitation, radiation, migratory cyclones and anticyclones, fronts, air masses and source regions are considered.

First semester.

Credit, two hours.

21. MUSICAL ACOUSTICS.

An introduction to the fundamental laws of acoustics which have to do with the production and transmission of musical sounds. This course is intended for music students and may not be counted toward a major in Physics.

Second semester.

Credit, two hours.

31, 32. GENERAL PHYSICS.

First semester: mechanics of solids and liquids, sound and heat. Second semester: magnetism electricity, and light. Recitation, four hours; laboratory, one period per week. Must be preceded by Mathematics 14.

Throughout the year.

Credit per semester, five hours.

33. SLIDE RULE

A one semester course giving the basic fundamentals of the slide rule plus a working knowledge of the scales used for problems involving multiplication, division, square and cube root, trigonometry, logarithms and powers of numbers. Prerequisite: Mathematics 14.

Both semesters

Credit, one hour.

51. MODERN PHYSICS.

An advanced course in which are studied some of the developments of physics since the discovery of radioactivity with a special emphasis upon the subject of atomic structure.

First semester.

Credit, three hours.

53. ELECTRONICS.

An introductory course dealing with tube characteristics and operation, circuit analysis, rectification, amplification systems and photo-electricity. Prerequisites: Physics 32, and Mathematics 31, 51.

First semester.

Credit, three hours.

61. ANALYTICAL MECHANICS.

An advanced course in statics. It is recommended to students interested in physics, astronomy, engineering, and applied mathematics. Prerequisites: Mathematics 31 and 51.

First semester.

Credit, three hours.

62. ANALYTICAL MECHANICS (DYNAMICS)

An advanced course in dynamics continuing studies on kinetics of a particle, impulse, momentum, work and energy, and dynamics of a rigid body. Prerequisites: Mathematics 31, 51, and Physics 61.

Second semester.

Credit, three hours.

71. ELECTRICAL MEASUREMENTS.

An advanced course in electricity and magnetism. Recitation, three hours: laboratory, three hours. Prerequisites: Mathematics 31 and 51.

Second semester

Credit, four hours.

72. PHYSICAL OPTICS.

An intermediate course in light continuing the study of wave motion, spectra, refraction, reflection, diffraction, polarization, quantum theory, etc.

Second semester.

Credit, three hours.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow, as used in the teaching of Biology, Chemistry, and Physics.

Second semester.

Credit, two hours.

PSYCHOLOGY

Psychology is the science of behavior. An understanding of the causes and conditions which lead men to behave as they do is essential to a solution of the problems which arise in personal and social affairs.

Students whose vocational interests lie in the areas of education, social work, the ministry, personnel work, medical practice, or other fields involving intimate personal contacts, will find in psychology an aid to understanding themselves and their relationship to those with whom they are to work.

MAJOR: Students who wish to major in psychology should make application to the chairman of the department by the close of the sophomore year. Specific requirements include: a minimum of 25 semester hours in psychology, including courses numbered 31, 54, 57 and 61; Biology 11, 12; and Sociology 31. For those intending to pursue graduate work in psychology or a closely related field, such as Personnel Administration or Social Work, Psychology 51, 52, and 56; Biology 61; and Philosophy 53 are strongly recommended.

31. INTRODUCTION TO GENERAL PSYCHOLOGY.

A beginning course to acquaint the student with the basic facts and principles in psychology. Emphasis is placed on the factors underlying human behavior, and the role of learning in modifying human conduct. Required of all students for graduation, and is a prerequisite to all other courses in this department.

Both semesters.

Credit, three hours.

32. APPLIED PSYCHOLOGY.

A survey of the areas in which psychological principles are usefully applied, including industrial, medical, legal, advertising and commercial fields.

Second semester.

Credit, three hours.

51, 52. PSYCHOLOGY OF LEARNING.

Recognizing the importance of learning in all of man's behavior, this course considers in detail the conditions which determine learning and retention. The first semester covers the major experimental work in the area of human learning, with special emphasis on the applications of learning principles in education. During the second semester more detailed attention is directed toward experimental work in conditioning and animal research, and finally consideration is given to the current theories in learning. Alternate years, 1949-1950.

Throughout the year.

Credit per semester, three hours.

53. SOCIAL PSYCHOLOGY.

A study of the psychological principles underlying the social and group aspects of human living. Consideration is given to the conditions which initiate and determine group behavior, and to the methods whereby the nature of underlying attitudes may be determined and measured.

First semester.

Credit, three hours.

54. PSYCHOLOGY OF HUMAN ADJUSTMENT.

The aim of this course is to bring to the student a better understanding of his own behavior and that of others. The nature of basic and acquired needs is presented, and the behaviors which arise and the methods whereby men seek to satisfy these needs are discussed.

First semester.

Credit, three hours.

55. EDUCATIONAL PSYCHOLOGY.

Same as Education 52.

Second semester.

Credit, three hours.

56. CHILD DEVELOPMENT.

A survey of the development of the human from conception to adolescence. Emphasis is placed on the orderly nature of the child's physical, motor and language development, the factors relating to the child's emotional development, and the role of the parent or teacher in providing an optimum setting for this development.

Second semester.

Credit, three hours.

57. INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY.

A combination textbook and laboratory course, designed to familiarize the student with the methods employed in psychological research, and with representative research contributions in the field. It is recommended that the student take Psychology 61 concurrently with this course.

First semester.

Credit, three hours.

58. ABNORMAL PSYCHOLOGY.

An introduction to the study of human behavior disorders. Includes investigation into the psychological processes and the etiological factors involved, description of the more common mental illnesses, and a discussion of therapeutic measures. Prerequisites: Psychology 31 and 54 or consent of instructor.

Second semester.

Credit, three hours.

61, 62. STATISTICAL METHODS IN PSYCHOLOGY.

A two-semester course in the use and interpretation of elementary statistical techniques in psychological research. The first semester includes the study of graphical representation of data, measures of central tendency and variability, and simple correlation of descriptive data. The second semester deals with sampling techniques and theory, the concept of probability, and statistical tests of significance. Prerequisite for Psychology 62: Psychology 61. Alternate years: 1950-1951.

Throughout the year.

Credit per semester, two hours.

64. TESTS AND MEASUREMENTS.

An introduction to the interpretation and construction of tests. The student will be introduced to the more commonly used tests of intelligence, achievement, interests and aptitude, and will be required to construct an achievement test in the subject matter field of his choice. Same as Education 64.

Second semester.

Credit, two hours.

91. READINGS IN PSYCHOLOGY.

An individual course for students of superior ability who plan to take advanced work in psychology, and who wish additional preparation in specialized areas of the field. Permission of the chairman of the department is required before registering for this course, and students are required to comply with all conditions detailed under "Reading Courses," page 39.

Both semesters.

Credit, two hours.

RELIGION AND BIBLE

Certain courses are required of all students. They are numbered 11, 31, 51, and 71. One of these courses is to be taken by each student each year he is in residence at Hope College. Additional courses are offered for those desiring further work in Religion and Bible.

MAJOR: For those contemplating religious work at home or abroad, for whom Hope College must furnish the major part of their training, a major in the department of Religion and Bible is advised. Students planning to enter a Theological Seminary are advised to follow the Pre-Theology program that has been set up. (See page 113 of catalog.) A major in Religion and Bible shall consist of a minimum of twenty-six hours in the department and a maximum of thirty hours. Students majoring in Religion and Bible should see the head of the department to secure approval of their course program.

11. THE LIFE OF CHRIST.

The purpose of this course is to enable the student to come to a better understanding of the historical Jesus through a comparative study of the four gospels. Required of all freshmen.

Both semesters.

Credit, two hours.

31. THE NEW TESTAMENT CHURCH.

Includes a study of the founding and expansion of the early Christian Church, with a discussion of its problems. Required sophomore year.

Both semesters.

Credit, two hours.

51. OLD TESTAMENT HISTORY.

The primary aim of this course is to acquaint the student with the Old Testament through a brief survey of the history of Israel. Emphasis is placed on the religious ideas, and their development, in the Old Testament record. Required junior year.

Both semesters.

Credit, two hours.

61. MODERN RELIGIOUS MOVEMENTS.

Includes a study of the history and teaching of such religious movements as Mormonism, Spiritualism, Christian Science, Theosophy, the Jehovah's Witnesses, the Barthian theological revival and others. Offered alternate years, 1948-1949.

First semester.

Credit, two hours.

62. NON-CHRISTIAN RELIGIONS.

A study is made of selected leading non-Christian religions including Mohammedanism, Confucianism, Hinduism and Buddhism. Attention is given to the historical development and doctrinal emphases of these faiths and their relation to Christianity. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

63. HISTORY OF THE BIBLE.

Includes the study of such questions as How the Bible was Originally Written, Chief Sources of Our Biblical Text, Formation of the Canon of the Bible, and Translations of the Bible into English. Alternate years, 1948-1949.

First semester.

Credit, two hours.

64. THE HEBREW PROPHETS.

A study of the social and religious messages of the Hebrew prophets in their historical setting. Part of the course is devoted to the problems of the fulfillment of prophecy and the methods of interpreting the prophets today. Alternate years, 1947-1948.

Second semester.

Credit, two hours.

71. THE PHILOSOPHY OF THE CHRISTIAN RELIGION.

Emphasizes the Christian conception of the nature of God, of man, and of the world. Includes a consideration of the relation of the natural to the supernatural, the significance of revelation, and the person of Jesus Christ. Required senior year.

Both semesters.

Credit, three hours.

73. CHURCH HISTORY; THE ANCIENT AND MEDIEVAL CHURCH.

This course surveys the history of the Church from the Apostolic Age to the time of the Reformation. It studies the establishment of the Church in the Roman Empire, its survival and growth after the fall of the Empire, and its internal and external growth, including the evangelization of northern Europe. Alternate years, 1949-1950.

First semester.

Credit, three hours.

74. CHURCH HISTORY; THE REFORMATION AND POST-REFORMATION CHURCH.

Consideration is given the Protestant Reformation of the sixteenth century, the rise of rationalism and Pietism, the rise of the denominations and the modern missionary movement. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

78. HISTORY OF RELIGION IN AMERICA.

A study of the history of the various religious movements in our own country, from colonial times down to the present day. Alternate years, 1949-1950.

First semester.

Credit, three hours.

81. ARCHAEOLOGY AND THE BIBLE.

In this course archaeological discoveries are studied with special reference to material corroborative of the Biblical narratives. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

83. INTERTESTAMENTARY HISTORY.

This course will cover the period from the end of the Babylonian exile of the Hebrew people to the time of Herod the Great and the birth of Christ. It treats the history of the Medo-Persian and Alexandrian empires and the succeeding dynasties as they relate to Biblical history. Alternate years, 1949-1950.

First semester.

Credit, two hours.

RELIGIOUS EDUCATION

The courses in Religious Education are designed primarily to train young people of purpose and consecration to fit themselves for lay positions in the church.

MAJOR: A major in Religious Education aims at preparing students to become directors of Religious Education, directors of music and vacation church schools, church secretaries, or leaders in home or foreign missions. A minimum of twenty-five semester hours of specified courses in Religious Education is required. In addition every major is required to do a certain amount of field work. He should consult the chairman of the department on this matter, and on the working out of his schedule. The following program is suggested:

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Rel. and Bible 11	2	
Speech 11		2
History 11, 12 or 13, 14	3	3
Science	4	4
Religious Ed. 11	2	
Physical Education	R	R
Electives	2	4
	<u>16</u>	<u>16</u>

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Foreign Language	4	4
Psychology 31	3	
Psychology 56		3
Religious Ed. 12	2	
Religion & Bible 31		2
Electives	4	4
	<u>16</u>	<u>16</u>

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Foreign Language	4	4
Rel. & Bible 51	2	
Religious Education 54		2
Religious Education 31	2	
Religious Education 32		3
Music 77	2	
Electives	6	7
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Religious Education 53	2	
Religious Education 51	3	
Religious Education 55	2	
Rel. & Bible 71	3	
Rel. & Bible 64		2
Education 52		3
Religious Education 52		2
Religious Education 56		2
Electives	6	7
	<u>16</u>	<u>16</u>

RECOMMENDED ELECTIVES

(Freshman and Sophomore Years)	(Junior and Senior Years)
Religion and Bible 32	Religion & Bible 62, 63, 65, 73, 74
Applied Music	Music 76
Secretarial Education 11, 12, 13, 14	Applied Music
Speech 34	Sociology 31
Speech 39	Speech 58
	Religious Education 62, 64

SPECIAL STUDENTS: Students who are interested in preparing themselves for a special area of church work, but who do not plan to follow the general course requirements for a Bachelor's degree, may register as special students and elect those studies in which they have a specific interest. Such students must manifest superior personal and spiritual qualities in order to be admitted to this program. They should consult the director of Religious Education and work out with him a course schedule to fit their needs.

11. THE CHURCH AND ITS WORK.

A study of the function of the church, its relationship to the state, society, and the world; the mission of the church and its methods of carrying on its work.

First semester.

Credit, two hours.

12. PRINCIPLES OF RELIGIOUS EDUCATION.

A study of what is meant by teaching religion, whether in home, church, or school, and an inquiry into the principles and procedures involved in making religion vital and effective in the life of various age groups.

First semester.

Credit, two hours.

31. THE RELIGIOUS EDUCATION OF CHILDREN.

The religious nature and needs of the child, the objectives in the religious training of children, and the materials and methods for attaining these objectives.

First semester.

Credit, two hours.

32. THE RELIGIOUS EDUCATION OF ADOLESCENTS.

A study of the materials and methods used for the Christian training of children twelve years old and upward, as well as the underlying principles to be considered in such training. Not only Sunday School work, but work with youth organizations will be considered.

Second semester.

Credit, two hours.

**51. THE ORGANIZATION AND ADMINISTRATION OF
RELIGIOUS EDUCATION.**

A study of the necessary organization, supervision, and administration for carrying out the church's program for the Christian training of its children and youth.

First semester.

Credit, three hours.

52. CHURCH ORGANIZATION AND ADMINISTRATION.

A study of the development of organization and administration in the church from the days of the early church to the present time, with special attention to the explanation of our present system.

Second semester.

Credit, two hours.

53. THE CHURCH'S MISSIONARY ENTERPRISE.

The home and foreign missionary work of the church, its history, problems, and present situation. Special attention will be given to the missions of the Reformed Church in America.

First semester.

Credit, two hours.

54. PERSONAL EVANGELISM.

Principles to be observed and methods used in personal evangelism or in visiting of sick and disheartened individuals, using the teaching experience of the Christian church and the results of psychological study.

Second semester.

Credit, two hours.

55. THE CHURCH'S WORSHIP.

A course dealing with the importance of worship in all the areas of the church's work, the nature and essential elements of soul-satisfying worship, together with considerable planning of suitable programs for various groups.

First semester.

Credit, two hours.

56. RECREATIONAL LEADERSHIP.

A discussion of the relation of recreation to the religious education program, important principles to be observed in its use, and the planning and direction of recreational activities for various church groups.

Second semester.

Credit, two hours.

62. VACATION CHURCH SCHOOLS.

A course to aid those who plan to conduct vacation Bible schools during the summer.

Second semester.

Credit, two hours.

64. HISTORY OF MISSIONS.

A study of the rise, progress, and achievements of Protestant foreign missionary efforts; the lives of eminent missionaries; the rise of church in mission lands; and present conditions in the mission field.

Second semester.

Credit, two hours.

SECRETARIAL EDUCATION

Secretarial courses, offered in combination with required courses and courses in other subjects, are designated to train young people for (1) secretarial work in business, church, and social organizations; (2) teachers of commercial subjects in secondary schools.

A four-year college program is set up for those who wish to prepare themselves for teachers of commercial subjects. In addition to concentrated effort in Business Administration, Secretarial Education, and English, such students are required to complete the stated courses in Education for proper teaching certification.

A total of ten credit hours may be earned in secretarial education. Students may elect more training in this work, but without credit toward the A. B. degree.

11, 12. ELEMENTARY TYPEWRITING.

A course for students without previous preparation in typewriting. Class meets four hours per week throughout the school year. Minimum speed attainment, 45 words per minute.

Throughout the year.

Credit per semester, two hours.

13, 14. STENOGRAPHY.

A course designed for students without previous preparation in stenography. Class meets four hours per week throughout the school year. Minimum dictation speed, 80 words per minute.

Throughout the year.

Credit per semester, three hours.

31, 32. ADVANCED TYPEWRITING.

Students electing this course should have had courses 11, 12 or equivalent preparation as prerequisite training. Class meets four hours per week throughout the school year. Minimum speed, 65 words per minute.

Throughout the year.

Credit per semester, two hours.

33, 34. ADVANCED STENOGRAPHY.

Prerequisite: Courses 13, 14 or their equivalent. Three class hours per week throughout the school year. Minimum requirement is ability to take dictation at 110 words per minute.

Throughout the year.

Credit per semester, three hours.

35. SECRETARIAL PRACTICE.

The course provides advanced training in office practice, filing, use of business forms and calendars, operation of machines, and problems of business etiquette.

Both semesters.

Credit, four hours.

BUSINESS ENGLISH. See English 51, 52.

SOCIOLOGY

MAJOR: A major in sociology requires a minimum of twenty-five hours of courses in the department. The course sequence must be approved by the departmental advisor.

Students interested in preparing for social service work should consult the program for a major in the field of Social Work found on page 116 of the catalog.

31. INTRODUCTORY SOCIOLOGY.

An explanation of the fundamental facts and principles concerning American society, as well as a study of the methods and results of the control of man's social tendencies. A preparation for later sociology courses.

Both semesters.

Credit, three hours.

32. SOCIAL PROBLEMS.

Attention is centered on social expressions of maladjustment with a view to their amelioration or solution. Problems studied include poverty, crime, race, population, immigration and family disorganization. Prerequisite, Sociology 31.

Both semesters.

Credit, three hours.

51. HISTORY OF SOCIAL THOUGHT.

A study of the gradual development of social theory through the centuries, including the rise of academic sociology. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

First semester.

Credit, three hours.

52. SOCIAL INSTITUTIONS.

An intensive study is made of the nature and purpose of the primary social institutions. Prerequisites, Sociology 31 and 32. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

53. RURAL SOCIOLOGY.

A consideration of the special group-life problems of the rural area. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

First semester.

Credit, two hours.

54. URBAN SOCIOLOGY.

A study of the various relationships between groups within the city, considering such problems of city life as city planning, housing, sanitation and recreation. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

58. THE FIELD OF SOCIAL WORK.

A survey of the Field of Social Work as a whole for preprofessional students of social work and allied fields—ministry, medicine, teaching, law. Analysis of social work philosophy, social work practice, and job requirements. Illustrations from each field to be presented and interpreted by an active practitioner in the field. Occasional field observation trips constitute an integral part of the course. Prerequisite: Sociology 31.

Second semester.

Credit, two hours.

59. PHILOSOPHY OF SOCIAL WORK.

A study of human motivation and an appraisal of the relation of religion to the democratic way of life. Stress is placed upon the value of religious commitments as related to social work. Prerequisites, Sociology 31 and 58. Alternate years, 1949-1950.

First semester.

Credit, two hours.

71. INTRODUCTION TO SOCIAL CASE WORK.

An orientation course in case work introducing methods of giving services to individuals through social agencies. Analysis of Federal, State, and Local Welfare structure, finance and personnel to be included. Also field observations in Ottawa County Bureau of Social Aid for a limited number of students. A Civil Service Examination may constitute the final examination. Prerequisites: Sociology 31 and 58.

First semester.

Credit, two hours.

72. THE FAMILY AND MARRIAGE RELATIONSHIPS.

A systematic and practical exposition of the problems of courtship, child guidance and domestic discord, stressing the importance of proper marital relationship in the life of the individual as well as to society in general. Open to Seniors only.

Second semester.

Credit, two hours.

73. CRIMINOLOGY.

A study of the nature and the causes of crime, and of the methods of dealing with adult and juvenile offenders. Prerequisites, Sociology 31 and 32, and consent of instructor. Alternate years, 1949-1950.

First semester.

Credit, two hours.

SPEECH

Courses in Speech may be compared to a tuning-fork, the handle represented by the basic courses 11 and 34, and the two prongs by courses in the so-called self-expressive and interpretive phases of speech. Anyone majoring in Speech is expected to acquire proficiency in both of the latter fields. A major in Speech consists of twenty-four se-

mester hours in addition to Speech 11, and should include courses 34, 37, 38, 41, 51, 52, 53, 59, and either 54 or 55, or 61 or 62.

11. FUNDAMENTALS OF SPEECH.

Theory and practice of public speaking, with major emphasis upon delivery and bodily action, and the attainment of the objectives of confidence and contact. Required of all freshmen. Speech 11 is a prerequisite to all other courses in speech.

Both semesters.

Credit, two hours.

34. PUBLIC SPEAKING.

Intended as a logical continuation of 11. Continued stress upon delivery with major emphasis upon voice control, and also introductory to the fields of interpretation and speech composition. Prerequisite: Speech 11.

Second semester.

Credit, two hours.

37. INTERPRETATION.

The reading of prose and poetry from the book and from memory. Development of intellectual and emotional understanding of material read, and practice on the techniques of expression. Prerequisite: Speech 11.

First semester.

Credit, two hours.

38. INTERPRETATION.

Continuation of 37 with emphasis on preparation for public performance. Superior students will be given opportunities to read to audiences other than the class audience. Prerequisite: 37.

Second semester.

Credit, two hours.

39. SCRIPTURE READING.

A course designed (1) to develop increased appreciation of the Bible through oral reading, and (2) to promote effective public reading of the Bible, whether by ministers or laymen. Open only to students who have satisfactorily completed 37, or its equivalent.

Second semester.

Credit, two hours.

41. COMMUNITY DRAMA.

A survey course in the problems of producing plays in the community—for school, church, or club. This is a beginning course in theatre, a prerequisite to most other courses in dramatics. About one-third of the time will be devoted to lecture; the rest to laboratory practice. Open to all students.

First semester.

Credit, three hours.

51. ARGUMENTATION AND DEBATE.

The underlying principles of debating and argumentation are studied. Classroom debates upon current topics. Briefing, techniques of securing conviction studied and applied.

First semester.

Credit, three hours.

52. GROUP DISCUSSION.

Principles and methods of discussion and conference, with practical application through the round table, panel, symposium, and forum-lecture in the discussion of contemporary problems. Conduct of meetings and parliamentary procedure.

Second semester.

Credit, three hours.

53. PERSUASION.

An advanced speech course with major emphasis upon speech composition and audience psychology; discussions on collecting and preserving material, organization and adaptation of speeches; study of the impelling motives and factors of attention; group and crowd behavior. Required for pre-seminary students. Prerequisite: 34 or 37.

First semester.

Credit, three hours.

54. FORMS OF PUBLIC ADDRESS.

A study of some of the leading forms of public address such as courtesy and goodwill speeches, the legal speech, the sermon, the radio speech, after-dinner speeches, the political speech, the commencement speech, and lecture. Analysis of models. Prerequisite: Speech 53.

Second semester.

Credit, three hours.

55, 56. DEBATE SEMINAR.

An intensive study of one or two questions used in intercollegiate debates for the year. Library research, preparation of briefs, and much practice in speaking. Prerequisite: Speech 51 and one year on college debate squad.

Throughout the year.

Credit per semester, two hours.

59. STAGECRAFT.

The staging of the play — scenery, costumes, lighting, properties, make-up, etc. Prerequisite: Community Drama 41.

Credit, three hours.

61. ACTING.

Study of the principles of acting, and practice in their application in studio production. Prerequisites: Interpretation 37 and Community Drama 41, or permission of instructor.

Credit, three hours.

62. PLAY DIRECTION.

For advanced students in the preparation of plays for public presentation. Credit upon completion of the public performance of a three act play, or its equivalent, produced under the student's direction. Prerequisites: Community Drama, Stagecraft, and Acting and/or permission of the instructor.

Second semester.

Credit, three hours.

71. ORATORY.

Preparation in the research, composition, and delivery of orations for the local and intercollegiate oratorical contests sponsored by the college. Prerequisite: permission of instructor.

First semester.

Credit, one or two hours.

73. PUBLIC RECITAL.

A course in the planning and presentation of public recitals, designed for advanced students of Interpretation. Credit given only after satisfactory public performances. Prerequisite: 38.

First semester.

Credit, two hours.

SUGGESTED CURRICULA

The first task of Hope College is to provide for every student a broad base of general education — one that will enlarge his understanding of the world in which he lives, help him in disciplining his mind, and provide him with a vital Christian philosophy.

The second task of the college is to prepare each student to take his place either directly in a chosen vocation or profession, or in a professional or graduate school in which he may continue his specialized training for a career.

To insure the best advice to the student who desires information in some particular profession or field of study, faculty members who have had special interest and knowledge in these fields have been appointed to serve as Vocational Advisors. The student should feel free to consult these people on any question pertaining to a special vocational interest. A list of advisors and their fields follows:

Art — Gringhuis	Mathematics — Lampen
Botany — Thompson	Medicine — Van Zyl and Vergeer
Business Administration — Yntema	Music — Cavanaugh
Chemistry — Van Zyl	Nursing — Spoelstra
Christian Ministry — Osterhaven	Personnel — Haverkamp
Dentistry — Kleinheksel	Philosophy — Van Saun
Diplomatic Service — Vanderbush	Physical Education (Men) — De Vette
Economics — Yntema	Physical Education (Women) — Van Dommelen
Elementary Teaching — Vander Borgh	Physics — Kleis
Engineering — Folkert	Political Science — Vanderbush
English — De Graaf	Psychology — Haverkamp
Forestry — O. Thompson	Religious Education — De Pree
French — Mrs. Prins	Secondary Teaching — Vander Borgh
German — Boyd	Secretarial Education — Schuppert
Greek — Dykstra	Social Service — Voogd
History — Ross, Hawkinson	Sociology — Voogd
Journalism — Brand	Spanish — Madrid
Latin — Wolters	Speech — Schrier
Law — Schrier	Zoology — Vergeer
Library Science — Gibbs	

For students going to specific professional schools and for those entering vocations or professions directly from college, the curricula suggested below are designed to be of value.

BUSINESS

The following program is offered as a suggested curriculum for students interested in a general business course. It is designed to provide a basic training in business and related economics as well as to permit development in other departments.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Speech 11 and Bible 11	2	2
Foreign Language	4	4
History 13, 14	3	3
Mathematics 13, 14 or 11, 15	3	3-4
Physical Education	R	R
	<u>15</u>	<u>15-16</u>

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Foreign Language	4	4
Bible 31	2	
Psychology 31		3
Principles of Economics, Economics 31, 32	3	3
Principles of Accounting 31, 32	3	3
	<u>15</u>	<u>16</u>

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Bible 51	2	
Bus. Organization 51	3	
Business Law 54		3
Bus. Management 52		3
Economics Statistics, Economic 61	4	
Labor Econ., Econ. 52		3
Marketing Principles 61	3	
English 51	2	
Sociology 31		3
Electives (Including 2 or more hours in Science)	2	4
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Econ. Analysis, Economics 71	3	
Finance Principles 72		3
Money and Banking, Economics 51	3	
Personnel Admin. 73	3	
Bible 71		3
Electives: Economics and Business Admin.	3	6
Other Electives	4	4
	<u>16</u>	<u>16</u>

The suggested curriculum for students majoring in economics is the same in the freshman and sophomore years as that proposed for business majors, as outlined above. Essential courses to be taken in the junior and senior years are indicated below. The number of electives is sufficient to permit considerable concentration along such ancillary line, or lines, that the student may wish to follow.

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Bible 51		2
Money and Banking 51	3	
Economic Statistics 61	4	
Labor Economics 52		3
Sociology 31		3
Electives (Including 2 or more hours in Science)	9	8
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Bible 71	3	
Economic Analysis 71	3	
Public Finance 76		3
Electives (Including at least 3 hours in Economics)	10	13
	<u>16</u>	<u>16</u>

Electives should be chosen with the approval of the student's counselor or the chairman of the department of Economics and Business Administration.

CHRISTIAN MINISTRY

Students who intend to enter the gospel ministry should elect a four-year general liberal arts program. The following curriculum is offered as a minimum program for admission to theological schools.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Bible and Speech 11	2	2
Greek 11, 12	4	4
Science	4	4
Electives	3	3
Physical Education	R	R
	<u>16</u>	<u>16</u>

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Bible 31	2	
Psychology 31		3
Greek 31, 32	3	3
Sociology 31	3	
Philosophy 31		2
Electives	5	5
	<u>16</u>	<u>16</u>

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
History 51, 52	3	3
Bible 51		2
Philosophy 51, 52	3	3
English 53	2	
Speech 53	3	
Electives	5	8
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Bible 71		3
Philosophy 71	3	
History		3
Music 77	2	
Electives	11	10
	<u>16</u>	<u>16</u>

Among the courses elected by the student there must be included an additional six hours of advanced literature in the department of English, five hours of philosophy, four hours of speech, two hours of Greek, and three hours of psychology.

DENTISTRY

Students who complete the first three years of a pre-medical course will regularly be admitted to a College of Dentistry. It is advisable for the student to select his school of dentistry as soon as possible in order to prepare for the specific requirements of the dental school of his choice.

Most pre-dentistry students find it advisable to complete either a three-or-four-year college program for entrance into the Dental School of their choice. See the four-year pre-medical curriculum.

Students who plan to attend Hope College only two years for pre-dental study should consult with the pre-dental adviser.

ENGINEERING

Students interested in a pre-engineering course should have completed in high school the following: three semesters of Algebra, three semesters of Geometry (Plane and Solid), and two years of a foreign language. Any deficiencies in the above should be completed as early as possible. Assuming the above complete, the suggested program is as follows:

Four Year Pre-Engineering Course with A.B.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Speech 11	2	
Bible 11		2
Math. 13, 14	3	3
Chemistry 11 or 13	4	
Chemistry 12 or 14		4
Foreign Language	4	4
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Math. 16	4	
Math. 31		4
Foreign Language	4	4
Bible 31	2	
Psychology 31		3
Economics 31, 32	3	3
	<hr/> 16	<hr/> 17

JUNIOR YEAR			SENIOR YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
Math. 51, 52	4	2	Math. 61	3	
Physics 31, 32	5	5	Math. 42		2
Chemistry 31, 32	4	4	Physics 61	3	
Math. 21	3		Physics 71		4
Math. 41		3	Bible 71	3	
Bible 51		2	Sociology 31		3
	—	—	Electives (Math. 31, 34, 53, Physics 11, 51, 72, Chemistry 51, 52, En- glish 51, 52, 55, 56, Philosophy 31.)	7	7
	16	16		16	16

The above course could be modified somewhat if the student has decided which phase of engineering he plans to engage in.

Students may secure junior standing in most Schools of Engineering by satisfactorily completing a two-year, or three-year pre-engineering program. The following two-year program is suggested:

Two-Year Pre-Engineering Course

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
English 11, 12	3	3	Math. 31	4	
Math. 15, 16	4	4	Math. 51		4
Chemistry 11 or 13	4		Physics 31, 32	5	5
Chemistry 12 or 14		4	Bible 31	2	
Bible 11	2		Psychology 31		3
Speech 11		2	Economics 31, 32	3	3
Math. 21	3		English 31	3	
Math. 41		3	Math. 42		2
	16	16		17	17

The particular engineering school which the student plans to enter may have special entrance requirements. The student should make these plans with his counselor.

FIELD OF SOCIAL WORK

Those students who are interested in the field of social work should plan a four-year liberal arts program with concentration in the subjects of Psychology, Sociology, and related courses in the social sciences. Some additional courses in Speech beyond the required Speech 11 should be included. Courses in Philosophy are also advisable. For further details, the student should consult the adviser in the Field of Social Work.

FORESTRY

The following two-year pre-forestry course is fully approved by the University of Michigan and Michigan State College. Successful completion of it will enable the student to enter a Forestry School for a degree in forestry. A three-year program is also available to students desiring a more complete pre-forestry training.

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester Hours		Subject	Semester Hours	
	1st	2nd		1st	2nd
English 11, 12	3	3	Biology 22, 12	4	4
Bible 11 and Speech 11	2	2	Chemistry 11, 12	4	4
Biology 11, 21	4	4	Economics 31, 32	4	4
Mechanical Drawing 21	3		Psychology 31		3
Mathematics 15, 16	4	4	Bible 31	2	
Mathematics 42		2	Electives	2	1
Electives		1		16	16
Physical Education	R	R			
	16	16			

LAW

Students desiring to enter the legal profession will find that most of the law schools do not prescribe a specific pre-professional program. A general liberal arts program is considered the best pre-legal preparation with concentrated study in the social sciences and considerable study in speech. A two-year pre-legal curriculum, successfully completed,

will enable a student to enter some law schools. However, many law schools urge or require a student to complete a four-year pre-law program.

Pre-law students should secure as many courses in history and political science as possible. A minimum of thirteen hours of Speech is suggested, specifically courses 11, 34, 51, 52, and 53. Courses in Economics, Psychology, Accounting, and Philosophy are also recommended.

MEDICINE

The following four-year pre-medical curriculum has been made available to pre-medical students at Hope College for some time. It meets the most rigid requirements of medical schools.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Bible and Speech 11	2	2
Foreign Language	4	4
Mathematics 13, 14	3	3
Chemistry 11, 12	4	4
Physical Education	R	R
	<u>16</u>	<u>16</u>

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 31, 32	4	4
English 31, 32	3	3
Foreign Language	4	4
Biology 11, 12	4	4
Bible 31		2
	<u>15</u>	<u>17</u>

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Physics 31, 32	5	5
Bible 51	2	
Biology 31, 32, 55, 63 or Chemistry 51, 52	5	5
Social Science		3
Psychology	3	
Electives	1	3
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Chemistry 51, 52 or Biology 53, 55, 64, 72	5	5
Bible 71		3
Sociology 31, 32	3	3
Electives	8	5
	<u>16</u>	<u>16</u>

A student may give preference to Biology instead of Chemistry in the Freshman year.

Students who expect to transfer to a medical school at the end of the Junior year should begin both Chemistry and Biology in the Freshman year.

The above program satisfies the requirements of practically all medical schools. Students should designate the medical school they wish to enter as soon as possible. Early designation of a medical school will enable them to prepare for the requirements of that school.

The college cooperates with the medical schools in giving the Aptitude Test required of all pre-medical students.

NURSING

Higher education is increasingly important in the training of nurses and makes for greater advancement and success after graduation. The better hospitals now insist on having some college graduates in every new class and select the other students in part on the amount of college education they have. It is possible for students who have completed nurses training to return to college for at least one year and complete the requirements for an A.B. degree. Normally, the nurses training program is considered the equivalent of one year of academic study.

Students planning on entering nursing should secure catalogs and information from various Schools of Nursing in order to ascertain the particular college prerequisites for entering their training program. The special advisor in nursing should also be consulted in making out the course program.

TEACHING

Hope College provides an elementary and secondary teacher training program, the completion of which qualifies the student to teach in most of the states. Inasmuch as teaching requirements vary in some of the states, students electing the teacher training program should consult with the chairman of the College Department of Education during the Freshman year. Under the course offerings in

Education are outlined the requirements for a teacher certificate in the State of Michigan. See pages 69 and 70.

For those planning on preparing for college teaching a major in the chosen department of specialization is advisable. The department advisor should be consulted in working out the academic program for the four years. For such students, French or German should normally be elected for foreign language study, preferably both if the student plans to work for a Ph.D. degree.

Students planning on becoming elementary teachers should elect the composite major program designed for them. Consult the special advisor and the composite major page 43 above. Students planning to enter secondary school teaching should follow the requirements for state certification and the college requirements for a major in one department. Two special major programs have been devised, cutting across departmental lines.

A. Major in General Science. Minimum of forty-three hours to be taken from Biology (11, 12, 21, 22), Chemistry (11, 12, 31 or 32, 51), Physics (31, 32). This program would be the minimum to enable students to qualify for teaching in these three fields of the sciences on the high school level. A student who is looking forward to continuing his work in graduate school in one of the sciences should, of course, take additional work in at least one of the science fields so that he would have a major in one.

B. Major in Social Studies. For the teaching major, two composite major programs have been approved in social studies. Since the secondary social studies teacher seldom has the opportunity of devoting his entire schedule to one special subject, prospective teachers are urged to take some work in each of the social studies. Furthermore, interpretation in any one field depends on grounding in many related social studies fields.

Plan A

Social Studies with History Core

History26 hrs.

Composed of selection
from:Basic Course I—History
13 & 14 or History 11
& 12Basic Course II—Am.
History 33 & 34Select 14 hours from ad-
vanced courses in three
fields: Europe, Amer-
ica, Latin Am., For-
eign Policies and Inter-
national Relations, Far
East, Current Prob-
lems, Cultural.

Political Science

Required — National
Gov't. 31—3 hours

Elective—3 hours..... 6 hrs.

Sociology

Recommended 31-32..... 6 hrs.

Economics

Recommended 31-32 6 hrs.

Total44 hrs.

Methods in Social Studies,

History 85 2 hrs.

Plan B

*Social Studies with Core in Se-
lected Field other than History*

History18 hrs.

Basic Course I—History
13 & 14 or History 11
& 12Basic Course II—History
33 & 34Select 6 additional hours
in history from ad-
vanced courses.Political Science 3 hrs.
(not listed as history)

Sociology 6 hrs.

Economics18 hrs.
or vary in either Pol.
Sc. or Sociology as core
with courses recom-
mended by advisor in
area.

Total45 hrs.

Methods, History 85..... 2 hrs.

PART VI

GRADUATES JUNE 1948

HONORARY DEGREES AND AWARDS

STUDENT BODY ROSTER

INDEX

A. B. DEGREES CONFERRED IN 1948

Andre, Phyllis	Grandville, Michigan
Austin, Lois Seath	Newark, New Jersey
Barendse, Jack Vincent	Holland, Michigan
Bartholomew, Ruth Ann	Chicago, Illinois
Bobeldyk, Henry Lloyd	Corsica, So. Dakota
Bocks, Donald A.	Holland, Michigan
Boersma, Wendell Claire	Holland, Michigan
Boot, Dorothy Elaine	Kalamazoo, Michigan
Brady, Luella Grace	Grand Rapids, Michigan
Brandt, Elmer Raymond	Holland, Michigan
Brewer, Gordon Monteith	Plainwell, Michigan
Brewer, Margery Jane	Plainwell, Michigan
Brinkman, Betty June	Holland, Michigan
Brown, Richard Park	Walden, New York
Bruggers, Glenn	St. Anne, Illinois
Bult, Lorraine Virginia	Chicago, Illinois
Buter, Harvey James	Holland, Michigan
Buteyn, Donald Peter	Waupun, Wisconsin
Claver, Charles Witman	Grand Rapids, Michigan
Cloetingh, Russell Stewart	Muskegon Heights, Michigan ²
Cocker, Neil Waud	Huntington Woods, Michigan
Cook, James Ivan	Grand Rapids, Michigan
Curtis, Willard Henry	Ballston, Spa., New York
Dalenberg, Ruth Jane	South Holland, Illinois
Darrow, Phyllis Elaine	Plainwell, Michigan
De Master, Howard Lee	Cedar Grove, Wisconsin
Demian, Irene Esther	New Brunswick, New Jersey
Den Herder, Christian Jacob	Zeeland, Michigan
De Young, Abraham Marvin	Holland, Michigan
De Young, Joan Agatha	Sparta, Michigan ³
De Young, Marcia Jean	Sparta, Michigan
Diehl, Gloria Annette	Chicago, Illinois
Dietrich, Phyllis Lou	Detroit, Michigan
Downs, Beverly Jeane Stout	Dallas, Texas
Draper, William Holden	Holland, Michigan
Durkin, Thomas J.	Chicago, Illinois
Dykstra, Henry Allan	Chicago, Illinois
Eilander, Arlene Mae	Holland, Michigan
Elhart, Baxter Jay	Zeeland, Michigan
Fylstra, Henry Donald	Little Falls, New Jersey ⁴
Geiger, William Gustav	New York, New York
Grassa, Edmund Charles	Scottville, Michigan
Haberland, John Andrew	Holland, Michigan
Hadden, Marguerite Elizabeth	Holland, Michigan
Heasley, Roger Swift	Holland, Michigan

Heasty, Alfred Russell	Clairsville, Ohio
Heemstra, Frank William	Orange City, Iowa
Heemstra, Raymond Jacob	Orange City, Iowa
Heemstra, Raymond Welling	Fenton, Michigan
Hemmes, Virginia Clarnel	Grand Rapids, Michigan 3
Hermance, Carol Jean	Hudson, New York
Higgs, Richard C.	Grand Rapids, Michigan
Hoeksema, Renze L.	Grandville, Michigan
Holkeboer, Earl Simon	Holland, Michigan
Hopkins, Clarence Raymond	Holland, Michigan
Hospers, Lois Yvonne	Ontario Center, New York
Jewett, Emma Belle	Mason, Michigan
Johnson, Laura Mae	Auburn, New York
Jonkman, Ann Loucille	Holland, Michigan
Kloosterman, Alida Jeanette	Kalamazoo, Michigan 6
Korver, Ronald George	Orange City, Iowa
Kraai, Vernon Theodore	Holland, Michigan
Labusohr, Marion Frances	Clifton, New Jersey
Ladewig, Donald Lawrence	Holland, Michigan
Lemmen, Gwendolyn Lenore	Holland, Michigan
Ligtvoet, John Willard	Holland, Michigan
Lucking, Marjorie Louise	Kalamazoo, Michigan
Macomber, Patricia Claire	Interlaken, New Jersey
Maurer, Marion Eleanor	Rochester, New York
Mellema, Martin	Holland, Michigan 7
Metten, Gertrude Marie	Ravenna, Michigan
Miller, Raymond LeFevre	New Paltz, New York
Morehouse, Harry Paul	Houghton, New York
Mulder, Donald Gerrit	Ann Arbor, Michigan
Otte, Matthew	Oostburg, Wisconsin
Overway, Marvin Jay	Holland, Michigan
Palmer, Joseph Jr.	Grand Haven, Michigan
Parsons, John Trowbridge	Norristown, Pennsylvania
Pennings, Alfred Gerrit	Orange City, Iowa
Ponstein, Lambert John	Grand Haven, Michigan 8
Pontier, John Dean	Hasbrouck Heights, New Jersey
Post, Ernest Harris Jr.	Holland, Michigan
Post, Eunice Marjorie	Harris, Iowa
Post, Mary Ellen Brower	Holland, Michigan
Quant, Ruth Joann	Rochester, New York
Reagan, Audrey Lorain	Holland, Michigan
Roberts, Edward John	Grand Haven, Michigan
Rotman, Kenneth Dale	Holland, Michigan
Rove, Louise Claude	Milwaukee, Wisconsin
Rubingh, Elinor E.	Grand Rapids, Michigan 9
Scheerens, Geraldine Hope	Rochester, New York
Scheerhorn, Robert Harris	Holland, Michigan

Sibley, Joyce	Jersey City, New Jersey
Sikkema, Lillian Ruth	Morrison, Illinois
Sparling, Leon Harry	Schuylerville, New York
Stegenga, Pauline Mildred	Holland, Michigan
Steketee, Katherine Jean	Holland, Michigan
Stillwell, Joanne Elizabeth	Grand Rapids, Michigan
Stoltz, Wilbur Harley	Holland, Michigan
Talman, Ruth Esther	Ontario Center, New York 10
Ter Borg, Marian Albertha	Muskegon, Michigan
Ter Keurst, James Arthur	Holland, Michigan
Ter Keurst, John Frederic	Holland, Michigan
Toren, George Anthony	Chicago, Illinois
Uppleger, Geraldine Helen	Birmingham, Michigan
Van Alst, Helen Cecilia	New Paltz, New York
Van Dahm, Thomas Edward	Holland, Michigan
Vanden Berg, Merle	Holland, Michigan
Vander Hill, Alma Harriet	Holland, Michigan
Van Dyk, Helen Alicia	Holland, Michigan 110
Van Dyke, Albertus Raymond	Holland, Michigan
Van Dyke, Mary Alice	Rochester, New York
Van Eck, Ann Jane	Grand Rapids, Michigan
Van Eck, Arthur Orville	Grand Rapids, Michigan
Van Hartesveldt, Frederick Carroll	Holland, Michigan
Van Kempen, Alice Geraldine	Selkirk, New York
Van Leeuwen, Thelma Geraldine	Spring Lake, Michigan
Van Pernis, Elton Louis	Holland, Michigan
Van Wyk, Lois Wilmina	Waupun, Wisconsin
Van Zanten, Robert John	Holland, Michigan 12
Van Zyl, Robert James	Chicago, Illinois
Ver Berkmoes, Harold	Grand Haven, Michigan
Vermaire, Mildred Ann	Grand Haven, Michigan
Vis, Eugene Abraham	Sheldon, Iowa
Visscher, L'Bertha Buurma	Holland, Michigan
Visser, Shirley Anne	Holland, Michigan
Wagemaker, Grace Lenore	East Williamson, New York
Wagner, Helen Joan	Schenectady, New York
Watson, Lois Jean	Merrick, New York
Weller, Kenneth Jay	Holland, Michigan 13
Westerman, Marcella Nell	Muskegon, Michigan
Wieghmink, Dale Wayne	Holland, Michigan
Wildman, Robert Bryant	Traverse City, Michigan
Workman, Clarice Hazel	Muskegon, Michigan
Wyngarden, Ann Marie	Chicago, Illinois
Yeomans, Edward John Jr.	Holland, Michigan
Yuk, James Peter	Grand Haven, Michigan
Zandbergen, Bonita Jane	Grandville, Michigan
Zickler, Ada	Holland, Michigan

MICHIGAN PROVISIONAL TEACHERS' CERTIFICATES

ELEMENTARY

Bartholomew, Ruth
Brewer, Margery
Brinkman, Betty
Bult, Lorraine
De Young, Marcia
Diehl, Gloria
Downs, Mrs. Jean B.
Eilander, Arlene
Hospers, Lois
Jonkman, Lucille
Lucking, Marjorie
Metten, Gertrude
Rove, Louise

Sikkema, Lillian
Stillwell, Joanne
Ter Borg, Marion
Uppleger, Geraldine
Van Dyke, Helen
Van Kampen, Alice
Vermaire, Mildred
Visser, Shirley
Wagemaker, Grace
Workman, Clarice
Wyngarden, Ann
Zandbergen, Bonita

SECONDARY

Andre, Phyllis
Barendse, Jack
Boot, Dorothy
Brewer, Gordon
Darrow, Phyllis
DeMaster, Howard
Demian, Irene
Draper, William
Grassa, Edmund
Heemstra, Raymond W.
Hemmes, Virginia
Hermance, Carol Jean
Holkeboer, Earl
Hoodema, Richard L.
Jewett, Emmabelle
Johnson, Laura
Kloosterman, Alida
Korver, Ronald
Kraai, Vernon
Miller, Raymond
Overway, Marvin

Palmer, Joseph
Parsons, John
Pontier, Jack
Post, Ernest
Post, Eunice
Post, Mary Ellen
Roberts, Edward
Rubingh, Elinor
Scheerhorn, Robert
Sparling, Leon
Stegenga, Pauline
Stoltz, Wilbur
Van Dahm, Thomas
Vanden Berg, Merle
Vander Hill, Alma
Van Hartesveldt, Fred
Van Leeuwen, Thelma
Wagner, Helen
Watson, Jean
Westerman, Marcella
Wieghmink, Dale

HONOR ROLL

SUMMA CUM LAUDE

Alfred Gerrit Pennings

Helen Joan Wagner

MAGNA CUM LAUDE

Willard Henry Curtis

Alma Harriet Vander Hill

John Willard Ligtvoet

CUM LAUDE

James Ivan Cook

Thomas J. Durkin

Henry Allan Dykstra

Lambert John Ponstein

Thomas Edward Van Dahm

Eunice Marjorie Post

Lois Wilmina Van Wyk

Grace Lenore Wagemaker

HONORS AND PRIZES

- FRESHMAN BIBLICAL PRIZE—Roger G. Shafer, Richard C. Downs.
- THE COOPERSVILLE MEN'S ADULT BIBLE CLASS PRIZE—Herman J. Ridder, Carolyn R. Heckler.
- JUNIOR BIBLICAL PRIZE—Paul E. Hinkamp II, James H. Stegeman.
- THE MRS. SAMUEL SLOAN PRIZE IN FOREIGN MISSIONS—Herman J. Ridder.
- GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE—Margery Angus.
- THE ORGAN SCHOLARSHIP—Frances Rose.
- THE A. A. RAVEN PRIZE IN ORATORY—Donald Buteyn, Wm. Dykstra.
- THE ADELAIDE PRIZE IN ORATORY—Donna Sluyter.
- REGENTS SCHOLARSHIP—Henry Allan Dykstra.
- THE WOMEN'S ATHLETIC ASSOCIATION AWARD—Virginia Hemmes.
- THE J. ACKERMAN COLES DEBATING PRIZE—Arthur Ponstein, Lambert Ponstein, Henry Shaw.
- SENIOR BIBLE PRIZE—H. Allan Dykstra, Glenn Bruggers.
- THE DR. A. T. GODFREY PRIZE IN CHEMISTRY—John W. Ligtfoot.
- BOARD OF EDUCATION PRIZE—Renze L. Hoeksema.
- MUSIC AWARD—Alma Harriet Vander Hill.
- THE DR. OTTO VANDER VELDE ALL-CAMPUS AWARD—Donald G. Mulder.
- THE SOUTHLAND MEDAL—Alma Harriet Vander Hill.
- THE PIANO SCHOLARSHIP—Herbert Ritsema.
- PIETENPOL BIBLE PRIZE—Donald P. Buteyn.
- PATTERSON MEMORIAL PRIZE IN BIOLOGY—Helen Joan Wagner.

FACULTY HONORS 1948

Buteyn, Donald Peter
Curtis, Willard Henry
Dykstra, Henry Allan
Hoeksema, Renze L.
Ligtfoot, John Willard

Lucking, Marjorie
Mulder, Donald Gerrit
Pennings, Alfred Gerrit
Van der Hill, Alma
Wagner, Helen Joan

SENIORS

- *Anderson, William George Hawthorne, New Jersey
- *Barendse, Eugene Edward Holland, Michigan
- *Barnum, Leon Harrington Mohawk, New York
- *Bartels, Lester E. Muskegon Heights, Michigan
- *Beereboom, John Joseph Holland, Michigan
- *Bennett, William Charles Weehawken, New Jersey
- *Bixby, Louis Wm. Jr. Saginaw, Michigan
- Boelkins, Elizabeth Rica Muskegon Heights, Michigan
- Boerman, Walter John Pekin, Illinois
- *Boeve, Ted E. Zeeland, Michigan
- *Booi, Duane G. Ashkum, Illinois
- Botermans, Karel F. Wassenaar, Netherlands
- Breen, Peter James Coopersville, Michigan
- Brown, Malcolm Douglas Wycombe, Pennsylvania
- *Brunstetter, Donald George Metuchen, New Jersey
- Brunstetter, Jean Sibley Jersey City, New Jersey
- Brunsting, Lucille Bernice Hull, Iowa
- *Buis, Harry Hawthorne, New Jersey
- Burgess, Warren D. Byron Center, Michigan
- Burton, Robert Dale Holland, Michigan
- *Buter, Harold J. Holland, Michigan
- Buttlar, Marie E. Warwick, New York
- *Buursma, George H. Holland, Michigan
- *Chappell, Tolan L. Petersburg, Indiana
- *Coleman, Alwin Beverly Grand Rapids, Michigan
- *Dalman, Rodger H. Holland, Michigan
- Davis, Dorothy Mable Cuddebackville, New York
- *Decker, Rodger Wayne Slingerlands, New York
- *Deising, Rolland Holland, Michigan
- De Kleine, Lois E. Jamestown, Michigan
- *De Loof, Gerard Jr. Richland, Michigan
- De Meester, William A. Paterson, New Jersey
- *Den Herder, James M. Holland, Michigan
- De Ryke, Betty J. Kalamazoo, Michigan
- De Vries, John Frederick Sibley, Iowa
- *De Weerd, Lowell Holland, Michigan
- *Dick, Leonard John Holland, Michigan
- *Dirkse, Lamont Dale Hingham, Wisconsin
- Dixon, Marjorie Ethel Voorheesville, New York
- Doorenbos, Leona Genevieve Morrison, Illinois
- *Duiker, Vernon Eugenie Conrad, Montana
- Duiser, Genevieve P. Muskegon, Michigan
- *Dykstra, Emmanuel David Orange City, Iowa

*Veterans

- *Dykstra, Harold Eugene
 *Dykstra, Vergil Homer
 Dykstra, Wm. Dwight
 *Eickelberg, Warren Barbour
 Evers, Donald R.
 *Fisher, Harold S.
 Flaherty, Ted Ernest
 Folkert, Robert Austin
 *Forsten, John H.
 Fredricks, Toni
 Frey, Marilyn Louise
 *Friedberg, Wallace
 *Froelich, Robert C.
 *Glerum, Richard Zimmer
 *Grissen, Harold
 *Groters, James D.
 Gross, Eunice Elsie
 *Groth, Harold Paul
 *Hall, Robert Stuart
 Hanna, Marion
 *Harrison, Timothy Stone
 Heemstra, C. Irene
 *Heerspink, Harvey Robert
 Heinen, Eunice Jane
 *Hellenga, Wayne K.
 Hepp, Mary Lou
 Hibma, Alida
 *Hillegonds, Wm C.
 Hinga, Constance Miriam
 *Hinkamp, Paul Eugene II
 *Hoebeke, Richard Lee
 *Hoek, Donald
 *Hofmeyer, Ben. J.
 *Hoftiezer, Henry Wilbert
 Holman, Marian Arlene
 *Hoogerhyde, David M.
 *Horton, Russell Erastus
 *Hospers, Gerrit H. III.
 *Humbert, Alexander M.
 *Ihrman, Donald L.
 Ingham, Carolyn J.
 Janssen, B. Virgil
 *Japinga, Robert M.
 *Jesser, John H.
 *Johnson, Richard C.
 Joldersma, Jan Lois
 *Kammeraad, Harold Leonard
 Grand Rapids, Michigan
 Orange City, Iowa
 Grand Rapids, Michigan
 Douglaston, L. I., New York
 Chicago, Illinois
 Grand Haven, Michigan
 Dearborn, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Muskegon Heights, Michigan
 Grand Rapids, Michigan
 New York, New York
 Cleveland, Ohio
 Rochester, New York
 Holland, Michigan
 Orange City, Iowa
 Brooklyn, New York
 Plymouth, Michigan
 Holland, Michigan
 Jersey City, New Jersey
 Holland, Michigan
 Fenton, Michigan
 Holland, Michigan
 Oostburg, Wisconsin
 Grand Haven, Michigan
 Brooklyn, New York
 Orange City, Iowa
 Chicago, Illinois
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Jenison, Michigan
 Holland, Michigan
 Oostburg, Wisconsin
 Flint, Michigan
 Holland, Michigan
 Paterson, New Jersey
 Ontario Center, New York
 Holland, Michigan
 Holland, Michigan
 Ferndale, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Hudsonville, Michigan
 Berwyn, Illinois
 West Sayville, New York
 Holland, Michigan

- *Kassig, Edward Jay Woodside, L. I., New York
- Kempers, Roger Chiapas, Mexico
- *Kennedy, Walter Thomas Hasbrouck Heights, New Jersey
- Kilian, Olga Katherine Holland, Michigan
- *Kinnison, Hugh E. Lansing, Michigan
- Klomprens, James Thomas Holland, Michigan
- *Klomprens, Karl Holland, Michigan
- Knol, Shirley Jane Wheaton, Illinois
- *Koepp, Owen John Chang Chow, Fukien, China
- Koning, Amy Ruth Holland, Michigan
- Konoshima, Sumiye New York, New York
- *Koop, Howard J. Holland, Michigan
- Koop, Ruth Joyce Holland, Michigan
- *Kraay, Russell J. Danforth, Illinois
- *Kragt, Earl Holland, Michigan
- *Kragt, Marvin Nelson Holland, Michigan
- *Lam, Donald Anno Holland, Michigan
- Laman, Robert Clarence Oaklyn, New Jersey
- Lamb, Phyllis Ruth Holland, Michigan
- *Lampen, Cornelius Earl Zeeland, Michigan
- *Latimer, Robert Boyd, Jr. Hackensack, New York
- Leslie, Shirley Margaret Schenectady, New York
- Mac Donald, John M. Otsego, Michigan
- *Major, Robert L. Muskegon, Michigan
- Mc Lean, Mary Kathleen Holland, Michigan
- Meengs, Philip G. Zeeland, Michigan
- *Meeusen, Earnest J. Holland, Michigan
- Menchhofer, Joseph David East Lansing, Michigan
- Mihaly, Regina Elizabeth Raritan, New Jersey
- Moessner, JoAnn Elizabeth Muskegon, Michigan
- Moolenaar, Alice Bernice De Motte, Indiana
- *Moore, Jean Carol Flushing, L. I., New York
- Muilenburg, Joyce L. Maurice, Iowa
- Mulder, Judith Ellen Metuchen, New Jersey
- Muyskens, Lois Marian Orange City, Iowa
- *Myrehn, Paul M. Costa Mesa, California
- Nichols, Bernice H. Fulton, New York
- *Norden, Russel Lee Grand Rapids, Michigan
- *Nyboer, Robert Paul Holland, Michigan
- Oldenburg, Dorothy Margaret Ovid, New York
- *Olive, Roger O. Holland, Michigan
- *Oostendorp, William John Holland, Michigan
- *Paine, Clifford E. Fennville, Michigan
- *Pickens, Samuel Claude Hankow, Hupeh, China
- *Ponstein, Arthur H. Grand Haven, Michigan
- Ponstine, Katherine Marion, Michigan
- *Pontier, Robert List. Hasbrouck Heights, New Jersey

- Posthuma, Sam. G.
 Prins, Marguerite Jean
 *Reck, Norwood Kenneth
 *Ridder, Herman J.
 Rinkus, Donald E.
 *Robins, John Calvin Jr.
 *Rowan, Bernard J.
 *Rutgers, Jay G.
 *Schaible, Harold Elmer
 *Schemper, Chester M.
 Schmalzriedt, Herbert Charles
 *Schregardus, Leonard Nicholas
 Schroeder, Marian Mae
 *Scobie, David Elder Jr.
 *Shaw, Henry I. Jr.
 Sheel, Joan
 *Shewan, Wm. P. F.
 Shoemaker, Dennis Earl
 *Shramek, James Frank
 Simmelink, Roland Junior
 *Skaalen, Morris Arnold
 Smith, John Marvin
 Snow, Marian Jean
 *Snow, Robert Warren
 Staal, Theresa
 Stegeman, James Henry
 Tangenberg, Edward James
 Te Ronde, Minnie H.
 *Tirrell, John Edward
 Toma, Fuad Farid
 Vandenberg, Donald Albert
 *Vanden Brink, Dale Warren
 *Vander Kolk, Anno Melvin
 *Vander Laan, Robert Helman
 Vander Woude, Hazel M.
 Van De Wege, Betty Irene
 Vande Wege, Mary J.
 Van Dyke, Barbara Jean
 *Van Dyke, P. James
 Van Hartsma, Glenn Allyn
 *Van Hall, Clayton Edward
 Van Heest, Gerard John
 Van Ingen, Lois Jean
 Van Loo, Mary Esther
 Van Raalte, Arlene R.
 *Van Singel, Gerald Peter
 *Van Slot, Andrew
 Friesland, Wisconsin
 Holland, Michigan
 Union City, New Jersey
 Holland, Michigan
 Holland, Michigan
 Detroit, Michigan
 Detroit, Michigan
 Holland, Michigan
 Alamont, New York
 Holland, Michigan
 Rochelle Park, New Jersey
 Holland, Michigan
 Paterson, New Jersey
 West New York, New Jersey
 Smithtown, Branch, New York
 Hospers, Iowa
 Mt. Vernon, New York
 Hudsonville, Michigan
 Holland, Michigan
 Oostburg, Wisconsin
 Boyd, Minnesota
 Grand Rapids, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Decatur, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Amarah, Iraq
 Morrison, Illinois
 Holland, Michigan
 Zeeland, Michigan
 Muskegon, Michigan
 McBain, Michigan
 Holland, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Denver, Colorado
 Zeeland, Michigan
 Grand Haven, Michigan
 Catskill, New York
 Holland, Michigan
 Kalamazoo, Michigan
 Holland, Michigan
 Grandville, Michigan
 Holland, Michigan

*Van Wieren, Harold	Holland, Michigan
*Van Wieren, Harvey D.	Philadelphia, Pennsylvania
Veldhuis, Jerome Alfred	Zeeland, Michigan
*Veltman, Fred J.	Holland, Michigan
Venhuizen, Betty Jean	Holland, Michigan
*Viening, Gerald	Los Angeles, California
*Vollink, Willard F.	Grand Rapids, Michigan
*Vredeveld, Theodore Jay	Zeeland, Michigan
*Walchenbach, Donald Edward	Hawthorne, New Jersey
Weaver, Elizabeth M.	Williston Park, New York
*Weber, Lawrence R.	Holland, Michigan
*Weener, Earl	Holland, Michigan
Weener, Jay	Holland, Michigan
Wierenga, Claire Elizabeth	Grand Haven, Michigan
*Wight, Fred Ernest	Paterson, New Jersey
Willbrandt, Shirley Anne	Muskegon, Michigan
*Wise, Stephen Paul	Dunbar, Pennsylvania
*Wolbert, Harris Jay	Holland, Michigan
Workman, Anna Ruth	Central Lake, Michigan
Zeito, George Andrew	Basrah, Iraq
*Zoet, Charles Jay	Zeeland, Michigan
Zuideman, George Dale	Holland, Michigan

JUNIORS

Aardema, Marguerite Joan	Central Lake, Michigan
*Alderink, Paul John	Grand Rapids, Michigan
Amso, Khalid Iskander	Basrah, Iraq
*Anders, Howard D.	Oak Park, Illinois
Angus, Margery Anne	Fukien, China
Avakian, Gladys	New York, New York
*Baker, Avery Dean	Flat Rock, Illinois
*Baker, Hilda Lillian	Union City, New Jersey
Baker, Jayne Ellen	Holland, Michigan
Baker, Joyce Elane	Holland, Michigan
*Barense, Wm. D.	Holland, Michigan
*Barr, Robert B.	Grand Rapids, Michigan
*Baskett, Miles H.	Holland, Michigan
Becksfors, Robert Henry	Holland, Michigan
Bennett, James Gordon	Ho-Ho-Kus, New Jersey
*Bhe, Robert D.	Marion Center, Pennsylvania
*Birce, Robert Francis	Lakewood, Ohio
*Blaaw, John	Shelbyville, Michigan
Boerman, Gerald Henry	Pekin, Illinois
*Borr, James Jr.	Holland, Michigan
*Bos, Adrian Conrad	Ellsworth, Michigan
Bos, Harold G.	River Forest, Illinois
*Boss, LaVerne, Henry	Zeeland, Michigan

*Boss, Donald	Charlevoix, Michigan
*Bouman, Harlan Cornelius	Holland, Michigan
Boven, Ronald J.	Holland, Michigan
*Breid, Mary L.	Walden, New York
Brieve, Fred Jay	Holland, Michigan
Brillhart, Constance H.	Albany, New York
*Brinkerhoff, John Soley	Hasbrouck Heights, New Jersey
Bronkhorst, Henry David	Chicago, Illinois
Bruggers, Howard	St. Anne, Illinois
*Bruins, Elton John	Fairwater, Wisconsin
*Brumels, Gordon Keith	Grand Rapids, Michigan
*Buchtrup, Charles S.	Chicago, Illinois
*Bulthuis, Donald R.	Holland, Michigan
Busman, Jacob Jr.	Coopersville, Michigan
*Calsbeek, Harvey M.	Sibley, Iowa
Cameron, Wm. Douglas	Lansing, Michigan
Chaat, Pauline R.	Lawton, Oklahoma
*Clark, Jack Forrest	Rockford, Michigan
*Clonan, Edward William	Pompton Lakes, New Jersey
Coffey, Mary Frances	Lenoir, North Carolina
*Coleman, David Alan	Holland, Michigan
*Collins, Robert William Jr.	Grand Rapids, Michigan
Contant, Dorothy May	Hasbrouck Heights, New Jersey
*Cook, Paul L.	Holland, Michigan
*Copier, Edward Guy	Jenison, Michigan
*Cousins, Annette	Detroit, Michigan
*Crawford, Donald Ennis	Schenectady, New York
*Cronheim, Al Frederick	Grandville, Michigan
Curtis, Carolyn Heckeler	Ballston Spa., New York
*Daane, Robert I	Grand Haven, Michigan
Dalman, Joseph Irwin	Hudsonville, Michigan
*Daniels, John	Raritan, New Jersey
De Boer, Shirley Ann	Detroit, Michigan
DeBoom, Edward Warren	Owosso, Michigan
Decker, Kenneth B.	Danforth, Illinois
DeGraaf, Ruth Charlotte	Holland, Michigan
*De Groot, Earl	St. Anne, Illinois
*De Haan, John	Holland, Michigan
De Jong, Keith	Kuwait, Arabia
*De Mull, Clair F.	Grand Rapids, Michigan
De Voogd, Lawrence Robert	Comstock Park, Michigan
De Vries, Margaret	Conrad, Montana
De Witt, Charles	Spring Lake, Michigan
*De Witt, Don Everett	Detroit, Michigan
*De Witt, Donald George	Holland, Michigan
De Witt, Warren D.	Grand Rapids, Michigan
De Wolfe, Norman	Schenectady, New York

- *De Young, Jacob J. Grand Rapids, Michigan
- *De Young, Robert Allen Holland, Michigan
- *De Young, Robert Duane Grand Rapids, Michigan
- *Dinger, John P. Richmond Hill, Queens, New York
- *Downs, Richard Charles Redwood City, California
- Drake, Lorraine Marie Rochester, New York
- *Draper, Robert James Holland, Michigan
- *Dunning, Edward B. Jackson Heights, New York
- Dykstra, Harold John Danforth, Illinois
- Dykstra, Helen Mae Muskegon, Michigan
- *Dykstra, Leon Grand Rapids, Michigan
- *Ebneeth, Alex Catskill, New York
- *Eckerson, Earl Raymond Schenectady, New York
- Eilander, Barbara J. Holland, Michigan
- Eskite, Betty Davis Baltimore, Maryland
- Failing, John Fletcher Grand Rapids, Michigan
- *Failor, Harlan John Oostburg, Wisconsin
- *Fairchild, Richard W. Schenectady, New York
- *Fenton, Robert MacCallum Temple, Texas
- Fikse, Cynthia Chandler, Minnesota
- *Flaherty, Richard Wm Dearborn, Michigan
- Folkert, Beatrice Mae Holland, Michigan
- *Fredrickson, Philip A. Cassadaga, New York
- Frego, Max V. Holland, Michigan
- *Funckes, Arnold Jay Chicago, Illinois
- Ganote, Rouilla Frances Glendale, Missouri
- *Geary, Daniel Courtlant Clifton, New Jersey
- *Gerritsen, George Contant Hasbrouck Heights, New Jersey
- Gess, Shirley Jean Brimfield, Indiana
- *Gifford, Charles Alfred Weedsport, New York
- *Gnade, Gerard R. New York, New York
- Gorman, Gene R. Zeeland, Michigan
- *Goshorn, William Paul Douglas, Michigan
- Goulooze, Floyd William Holland, Michigan
- *Gunn, Roger Dale Holland, Michigan
- *Haight, Ernest E. Holland, Michigan
- Hakken, Bernard Daniel Baghdad, Iraq
- Harling, Donald Page Biliri, Nigeria
- Harris, Betty Jean Holland, Michigan
- *Harsevoort, Eugene Henry Ireton, Iowa
- *Harter, Harry E. Holland, Michigan
- *Harvey, Louis Robert Grand Rapids, Michigan
- Haskin, Prudence L. D. Holland, Michigan
- *Haycock, Clifford Peer Riverdale, New Jersey
- *Hedberg, George Jr. Grand Rapids, Michigan
- *Hendricks, Roger Paul Grand Rapids, Michigan
- Hendrickson, Paul Gordon Grand Rapids, Michigan

Heneveld, Winston	Muskegon, Michigan
Hermance, Myron Erastus	Hudson, New York
High, Lillian K.	Emmett, Michigan
Hill, Robert A.	Brooklyn, New York
Hill, Shirley Ann	Grand Rapids, Michigan
Hirschy, Geraldine May	Plainwell, Michigan
*Hoekstra, John Howard	Kalamazoo, Michigan
*Hoffman, James Edward Jr.	Hasbrouck Heights, New Jersey
*Hogan, Robert W.	Newburgh, New York
*Holman, James R.	Chicago, Illinois
Holwerda, Wm Donald	Grand Rapids, Michigan
*Hopkins, C. Kent	Holland, Michigan
Hornbrook, Jane Ellen	Westchester, Illinois
*Houtman, Robert Wayne	Holland, Michigan
Irbe, Felicia May	Tenafly, New Jersey
Hungerink, Norma Mae	Vriesland, Michigan
*Huyser, Warren L.	Holland, Michigan
Jacobs, Marcia Jean	Sheldon, Iowa
Jannenga, Evelyn M.	Berwyn, Illinois
Jekel, Earl Howard	Holland, Michigan
*Jellema, William W.	Chicago, Illinois
*Johnson, Roger Leon	Grand Rapids, Michigan
*Joseph, Tom	Flint, Michigan
*Ketchum, Jack Howard	Holland, Michigan
Keyser, Patricia	Kalamazoo, Michigan
Kieft, Donn A.	Grand Haven, Michigan
*Kieft, Henry Robert	Holland, Michigan
Klaasen, Lester J. Jr.	Holland, Michigan
Kleinheksel, Victor Wayne	Holland, Michigan
*Kleis, Kenneth J.	Holland, Michigan
*Kline, Walter John	Muskegon, Michigan
Kloosterman, Gertrude Nela	Kalamazoo, Michigan
Klouw, Floyd John	Spring Lake, Michigan
*Koch, Elizabeth Anne	Somerville, New Jersey
*Koop, Dell W.	Holland, Michigan
*Koop, Robert	Holland, Michigan
Kooyers, Mary Louise	Holland, Michigan
Koskamp, Doris Barbara	Oostburg, Wisconsin
Kraak, Peter	Decatur, Michigan
*Kraay, Louis Paul	Danforth, Illinois
Kranendonk, Dorothy Mae	Oostburg, Wisconsin
*Kranendonk, Paul William	Oostburg, Wisconsin
*Kranendonk, Robert L.	New York, New York
*Krans, Robert	Hudsonville, Michigan
*Kruithof, John Donald	Grand Rapids, Michigan
*Kuiper, Robert J.	Holland, Michigan
*Lam, Gow Thue	Brooklyn, New York

*Lamb, James O.	Holland, Michigan
*Lambers, Marlin	Holland, Michigan
*Lanning, Earl M.	Zeeland, Michigan
*Larson, Charles John	Manistique, Michigan
*Laughlin, William J.	Grand Rapids, Michigan
Lee, Don E.	Flushing, New York
*Leestma, Kenneth N.	Grand Rapids, Michigan
*Leonard, Richard William	Harrington Park, New Jersey
*Lenters, Harold J.	Hudsonville, Michigan
Liebetreu, George Frederick	Ludington, Michigan
*Lindeman, Donn Edward	Holland, Michigan
Link, Charles Wm	Catskill, New York
Little, M. Irene	New York, New York
Lockwood, Bea Emma	Horseheads, New York
Londo, Leonard Marvin	Morrison, Illinois
*Maassen, Pierce E.	Friesland, Wisconsin
*Maatman, Herbert Junior	Holland, Michigan
Macqueen, John Arendson	Holland, Michigan
*Mackay, Bill Learmonth	Holland, Michigan
MacLachlan, Ralph W. Jr.	Fonda, New York
*Makowsky, Vassel Wm.	Argo, Illinois
*Mankin, Harold Allen	Detroit, Michigan
Marcus, Eugene Stanley	Holland, Michigan
Marema, Jack G.	Grand Rapids, Michigan
*Martin, Raymond Henry	Bronx, New York
*Masse, Lawrence Raymond	Holland, Michigan
*Mastenbrook, Clifford Robert	Grand Haven, Michigan
McCallum, John	Chicago, Illinois
McCrum, Joseph.	Brooklyn, New York
*Mc, Fall, Ted W.	Holland, Michigan
*McGee, Teddy Manford	Mt. Clemens, Michigan
Mc Rae, Mary Louise	Mt. Vernon, New York
Mc Vea, William C.	Douglas, Michigan
*Melpolder, Wayne Gerald	Grand Rapids, Michigan
Meltvedt, Henry G.	Roseville, Michigan
*Menasian, Andrew Paul	West New York, New Jersey
*Mepyans, Martin John	Plymouth, Michigan
*Mepyans, Marvin G.	Plymouth, Michigan
*Meyer, Ralph S.	Aplington, Iowa
*Miedema, William John	Grand Rapids, Michigan
*Mills, Geoffery A.	Holland, Michigan
Milne, Dorothy Marie	Pittsfield, Massachusetts
Modders, Barbara A	Holland, Michigan
Moerdyk, Margaret Jean	Holland, Michigan
*Moreland, Abraham	Grand Rapids, Michigan
Moes, Harvey W.	Hudsonville, Michigan
*Moore, Wade H.	Cleveland, Ohio

- *Moore, Gordon Wells
 *Mulder, Charles Henry
 *Mulder, Paul M.
 Mull, Gerard E.
 Muyskens, David P.
 *Muyskens, Paul Eugene
 *Neathammer, William Frederick
 Nelson, Christina
 *Noordhoff, Merrill Samuel
 *Oosterbaan, Norman
 *Patterson, James Robert
 *Paul, Daniel L.
 *Pennings, Adrian Burrell
 *Pfingstel, James John
 Pindar, Christine D.
 Pyle, Wendell Glenn
 Rabbe, Ray Leed
 *Reay, William Frank
 Reichert, Marion Louise
 *Richardson, Jack Allan
 Ritsema, Herbert
 Rivenburgh, Jean
 Rose, Frances Elaine
 *Ross, Ernest Jr.
 *Ruys, Kenneth
 *Ryskamp, John Howard
 Scamehorn, Iris Mary
 Scarlett, Barbara Jane
 Schmidt, Esther Emmy
 *Schneider, George Henry Jr.
 *Scholten, Walter A.
 Scholten, Eugene A.
 *Schroeder, Marion Francis
 Schuiteman, Robert A.
 *Scott, Bernard W.
 *Selover, Carl Lloyd
 Sharpe, John Harry
 Snedden, Lee Herbert
 Sherman, Phyllis Jeanne
 Siderius, Norman
 *Sikkel, Antoinette C.
 *Sivyer, William Merton
 Slikkers, George Jr.
 Sluyter, Donna B.
 *Smink, Bernard
 Smith, Julia E.
 *Smith, Walter Wesley
- Roosevelt, New York
 Grand Haven, Michigan
 Holland, Michigan
 Catskill, New York
 New Brunswick, New Jersey
 Orange City, Iowa
 Detroit, Michigan
 Muskegon, Michigan
 Orange City, Iowa
 Holland, Michigan
 Detroit, Michigan
 Brooklyn, New York
 Rotterdam Jct., New York
 Haskell, New Jersey
 Middleburgh, New York
 Paterson, New Jersey
 Cincinnati, Ohio
 Clifton, New Jersey
 Riverdale, New Jersey
 Rockford, Michigan
 Mokense, Illinois
 Chatham, New York
 Grand Rapids, Michigan
 Sparkill, New York
 Holland, Michigan
 Lakewood, Ohio
 Taylorville, Illinois
 Montague, Michigan
 Ridgewood, New Jersey
 Flushing, L. I., New York
 Poughkeepsie, New York
 Holland, Michigan
 Holland, Michigan
 Muskegon, Michigan
 Peoria, Illinois
 New Brunswick, New Jersey
 N. Tarrytown, New York
 Byron Center, Michigan
 Brooklyn, New York
 Lansing, Illinois
 Holland, Michigan
 Rockwood, Michigan
 Holland, Michigan
 Holland, Michigan
 Detroit, Michigan
 Holland, Michigan
 St. Albans, New York

Smith, William Chas.	Chicago, Illinois
Snow, Elizabeth Lou	Royal Oak, Michigan
Spencer, Floyd A.	Rochester, New York
Stegeman, Nelson Willard	Hudsonville, Michigan
*Stephens, John R.	Galesburg, Illinois
*Stetson, Edward Leven	Bristol, Pennsylvania
Stillman, Allyn Neil	Brooklyn, New York
*Stoner, Alden J.	Holland, Michigan
*Streeter, Harold E.	Sparta, Michigan
Streur, Isla R.	Holland, Michigan
Studdiford, Walter Beckman	Somerville, New Jersey
Sutfin, Duane Clarke	Chicago, Illinois
Swander, Roberta Jane	Grosse Pointe, Michigan
Swart, Calvin William	DeMotte, Indiana
*Sweet, Alan James	Rochester, New York
*Taylor, Jack Loyd	Zeeland, Michigan
Ten Hoere, Joan Kay	Brooklyn, New York
*Ter Beest, David Clarence	Brandon, Wisconsin
Ter Borg, Lloyd Herman	Muskegon, Michigan
Thomas, Dolores	Saugatuck, Michigan
Thompson, Paul Madery	Three Rivers, Michigan
Thomson, Nan Bruce	Detroit, Michigan
*Timmerman, Gordon Jay	Grand Rapids, Michigan
*Timmer, Harris B.	Grand Rapids, Michigan
Toussaint, Jeanne	Wauwatosa, Wisconsin
*Tuls, Arthur W.	Holland, Michigan
*Tuurling, Henry Frederick Jr.	Holland, Michigan
Últee, Casper J.	Hillegom, Netherlands
Van Arendonk, Gerald Gerber	Harrison, South Dakota
Van Dam, Evelyn June	Hudsonville, Michigan
*Vanden Bosch, Frederick	Zeeland, Michigan
Vander Borgh, Janice	Holland, Michigan
Vander Ley, Mary	Grand Rapids, Michigan
Vander Meer, Canute	Battle Creek, Michigan
Vander Ploeg, Ruth Elaine	Holland, Michigan
*Vander Slius, Adrian C.	Holland, Michigan
Van Eenenaam, Robert Dale	Holland, Michigan
Van Egmond, Hermina	Alberta, Canada
Van Farøwe, Lorraine Joyce	Zeeland, Michigan
*Van Hoeven, Gordon R.	Grand Rapids, Michigan
*Van Raalte, Carl C.	Holland, Michigan
*Van Raalte, Lloyd Hopkins	Holland, Michigan
*Van Wieren, Chester M.	Holland, Michigan
*Van Zanten, S. Craig	Grand Haven, Michigan
*Van Zyl, Allison Lynn	Holland, Michigan
*Veltman, Dean K.	Winterset, Iowa
Vergeer, John T.	Holland, Michigan

Ver Helst, Maurice	Grand Haven, Michigan
*Ver Hey, William J.	Holland, Michigan
Vinkemulder, Joyce Laverne	E. Grand Rapids, Michigan
*Visser, Henry Jr.	Holland, Michigan
Voskuil, Mary E.	New Brunswick, New Jersey
Walchenbach, Roy Paul	Hawthorne, New Jersey
*Walters, Chester Paul	Grand Rapids, Michigan
*Warnshuis, Paul R.	Ionia, Michigan
Weener, Henrietta	Kalamazoo, Michigan
Westcott, Maurice Edward	Casnovia, Michigan
*Westerhoff, Peter D. Jr.	Midland Park, New Jersey
*Westerhoff, Robert Jay	Holland, Michigan
*Wickert, Jack John	Milwaukee, Wisconsin
*Weighmink, Lloyd Gordon	Holland, Michigan
*Wierda, Morris J.	Holland, Michigan
Willits, John Cozier	Grand Rapids, Michigan
Wilson, Joan	E. Chatham, New York
Wolffensperger, Margaret	Zwolle, Netherlands
Wolterbeek, Jacob Cornelis	The Hague, Netherlands
Wolters, Ann Elaine	Holland, Michigan
Wolters, Lloyd Jay	Holland, Michigan
*Yonker, Nickolas Jr.	Muskegon, Michigan

SOPHOMORES

*Akker, Levi W.	Fulton, Illinois
*Alderink, Gordon Eugene	Grand Rapids, Michigan
Alkema, Henry J.	Muskegon, Michigan
*Allara, Emanuel Michael	Hamden, Connecticut
Allen, Jeane	New York, New York
*Allman, Paul W.	Eldon, Iowa
Arwe, Alfred H.	Boonton, New Jersey
Ball, Howard Leei	Pompton Lakes, New Jersey
Banks, Robert	Thornwood, New York
Banna, Faried Aboody	Basrah, Iraq
Barrett, Ted R.	Muskegon, Michigan
*Baskin, Charles Loy Jr.	Muskegon Heights, Michigan
*Beld, Gordon G.	Grand Rapids, Michigan
Bergers, Cornelia Marjorie	Traverse City, Michigan
*Beukema, Cornelius	Zeeland, Michigan
Blakeslee, Wayne Paul	Rockford, Michigan
*Blane, James	Bergerfield, New Jersey
Beich, Delores Dean	Muskegon, Michigan
Blocker, Glenn Alan	Auburn, New York
Blouin, Richard E.	Poughkeepsie, New York
*Bobb, Clarence Edward	Genesee, Michigan
*Boerigter, Paul E.	Holland, Michigan
*Boeskool, Jack Gerald	Grand Rapids, Michigan

- Boeve, Clarence W.
 *Boon, Maurice E.
 *Borchers, Bernard Frederick
 Borgman, Robert Henry
 Borr, Marijane
 Boss, Georgia Jean
 Bostwick, Richard Kent
 Breen, Melvin Peter
 Brink, Irwin J.
 Brondyke, Jean Marie
 Brower, Elaine Joan
 *Brower, Robert Lee
 Brunsell, Joyce Lorene
 *Bulson, Thomas I.
 Butler, Frank Eugene
 *Bylsma, Harold Roger
 *Campbell, Gene Colin
 Campbell, Hugh M.
 Churchill, Marion Agnes
 Cleason, Donald J.
 Cloetingh, A. Keppel
 *Combes, Clifford A. Jr.
 Cookman, Betty Ann
 Cord, Nancy Lee
 Cox, John MacDougall
 Dean, Harold Ralph
 Debbink, Martha Dala
 DeBlock, Joan E.
 De Boer, J. Jeannine
 *DeKok, Paul Wesley
 DeVecht, Virginia R.
 De Vries, Jay
 *DeWitt, Dingeman John
 De Witt, Ken Wayne
 *DeWitt, Peter B.
 De Wolf, John E.
 *De Young, James A.
 *Dolnik, Joseph Julius
 Droppers, Neil H.
 *Dyk, Alvin H.
 *Dykstra, Delmar G.
 *Eikenhout, Paul Henry
 England, Lois A.
 Erickson, Robert George
 Eshenour, Robert W.
 Esparza, Richardo
 Essenberg, Harriet Eleanor
 Holland, Michigan
 Grand Haven, Michigan
 Peoria, Illinois
 Chicago, Illinois
 Holland, Michigan
 Maywood, Illinois
 St. Albans, New York
 Coopersville, Michigan
 Hudsonville, Michigan
 Fulton, Illinois
 Holland, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Holland, Michigan
 Auburn, New York
 Grand Rapids, Michigan
 Muskegon, Michigan
 Kalamazoo, Michigan
 Fenton, Michigan
 Palmyra, New York
 State College, Pennsylvania
 Roosevelt, New York
 Auburn, New York
 Auburn, New York
 Pattersonville, New York
 Keyport, New Jersey
 Wauwatosa, Wisconsin
 Paterson, New Jersey
 Kalamazoo, Michigan
 Sheldon, Iowa
 Holland, Michigan
 Lansing, Michigan
 Holland, Michigan
 Grand Haven, Michigan
 Grand Haven, Michigan
 Rochester, New York
 Friesland, Wisconsin
 Holland, Michigan
 Sheboygan, Wisconsin
 Holland, Michigan
 Marion, South Dakota
 Grand Rapids, Michigan
 Chicago, Illinois
 Saugatuck, Michigan
 Ferndale, Michigan
 W. Palm Beach, Florida
 Holland, Michigan

- Etterbeek, Kenneth J.
 Eyerly, Robert Walter
 Fairchild, Donald Leon
 Feenstra, Philip Thys
 Fennema, Dorothy Ann
 Ferris, Maralyn Ann
 *Fett, E. Reinold
 Fieldhouse, Wayne Jay
 Ford, Wilma Anne
 *Fox, James Wilding
 Franken, Harold
 Freeberg, Ernest Frithiof II
 *Frelander, Allan E.
 Freyling, Dolores Jean
 *Fritzler, Edward
 Galien, John Jr.
 Ganz, Aswald H.
 Goding, Gordon Victor
 Gordon, Helen
 Graeb, Robert A.
 Gravenhorst, Alice Mildred
 *Groters, Harold H.
 Haaksma, Jack Cole
 Hafer, Henry Ellis
 Hagstrom, Kathleen Ann
 Hakken, James Adrian
 Haldenwang, Marie Helen
 Hall, Lois Dorothy
 Hamelink, William Dale
 Hartley, Robert Philip
 Hazekamp, Donald Wayne
 *Heath, Harold M.
 Hendrieth, Pauline
 *Herman, Jack Paul
 Herr, Betty
 Hesse, Virginia Mary
 Hinga, Wm. K.
 Hinkamp, Eloise Gertrude
 *Hoekenga, Willard Peter
 *Hoeting, Donald
 Holkeboer, Paul Edward
 Holly, William F.
 *Holman, Richard Harold
 *Howard, Robert B.
 Hubble, Juanita H.
 Huenink, Phyllis Ann
 Huyser, Earl Stanley
 Holland, Michigan
 Rockville Center, New York
 Schenectady, New York
 Redlands, California
 Chicago, Illinois
 Allegan, Michigan
 Grand Haven, Michigan
 Chicago, Illinois
 Holland, Michigan
 Birmingham, Michigan
 Holland, Michigan
 New York, New York
 Holland, Michigan
 Grand Rapids, Michigan
 Fond Du Lac, Wisconsin
 Holland, Michigan
 New York, New York
 Holland, Michigan
 Lakewood, New Jersey
 Williston Park, L. I., New York
 Hillside, New Jersey
 Holland, Michigan
 Grand Rapids, Michigan
 Tappan, New York
 Muskegon, Michigan
 Baghdad, Iraq
 Brooklyn, New York
 Detroit, Michigan
 Holland, Michigan
 Hawthorne, New Jersey
 Muskegon, Michigan
 Englewood, New Jersey
 Brewton, Alabama
 Elmhurst, New York
 Port Jervis, New York
 Flushing, L. I., New York
 Holland, Michigan
 Poughkeepsie, New York
 Muskegon, Michigan
 Teaneck, New Jersey
 Holland, Michigan
 Rochester, New York
 Chicago, Illinois
 Holland, Michigan
 Brooklyn, New York
 Chetek, Wisconsin
 Holland, Michigan

- Ihrman, G. Eloise
 *Jaeckel, John Lawton
 Jensen, Yvonne H.
 Jiji, Latif, Menashi
 Johnson, Barbara Ann
 Johnson, Ruth Marie
 Joldersma, John Maurice
 Kamp, Janice
 *Karsten, Dave P.
 Keizer, Gladys N.
 Kelly, Charles Thomas
 Kemble, Sally Mc Cain
 Kerle, Edward Joseph
 Kerr, Barbara Anne
 *Kieft, Wilford F.
 Kinkema, Janet Ruth
 Kloese, Anne Louise
 *Klomp, Gerrit Gene
 Knoll, James Lee
 *Knoolhuizen, Ervin Raymond
 Kooyers, Harold C.
 Kooyers, Lloyd E.
 Korteling, Ruth Kamala
 Krekel, Joan Ruth
 Kroes, Rodger H.
 Kroes, Ruth Joanne
 Kuyper, Jacqueline
 *Lankheet, Harold A.
 Lanning, Sandra Jane
 Lewis, Samuel
 *Liddle, Keith Huntley
 Lidston, Ellen M.
 Lupkes, Paul Leslie
 Malewitz, Thomas D.
 McCallum, Hamilton
 *McCloud, Thomas W.
 McConnell, Constance Ann
 Mercer, Herbert Alan
 Meulbroek, Florian Dennis
 *Meyer, Hendrik D.
 Meyer, Howard D.
 Miller, Donald Hugh
 Miller, Richard Eugene
 Miller, Robert Douglas
 *Mlnarik, James
 Monk, Everett W.
 *Monroe, Charles Harry
 Racine, Wisconsin
 Auburn, New York
 Muskegon Heights, Michigan
 Basrah, Iraq
 Plainwell, Michigan
 Hillsdale, New York
 Grand Haven, Michigan
 Grandville, Michigan
 Holland, Michigan
 Byron Center, Michigan
 East Jaffrey, New Hampshire
 Kyserike, New York
 Passaic, New Jersey
 Clifton, New Jersey
 Grand Haven, Michigan
 Milwaukee, Wisconsin
 Chicago, Illinois
 Zeeland, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Chittoor Dist. S. India
 Miami, Florida
 Muskegon, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Brewton, Alabama
 Holland, Michigan
 North Bergen, New Jersey
 Aplington, Iowa
 Holland, Michigan
 Chicago, Illinois
 Oak Park, Illinois
 Middlebush, New Jersey
 Bayonne, New Jersey
 Sheboygan, Wisconsin
 Kalamazoo, Michigan
 Holland, Michigan
 Sterling, Illinois
 Wallkill, New York
 Wallkill, New York
 Holland, Michigan
 Flushing, L. I., New York
 Holland, Michigan

- Montrose, L. Virginia
 *Murray, George Pievsol
 Naber, John Edward
 *Nelke, Albert John
 Nelke, Carl Dennis
 *Nelson, Edwin Lewis
 Newton, Howard Edwin
 *Nordhof, Calvin Earl
 *Norgrove, Wallace Lloyd
 Northuis, Kenneth Dale
 *Ondra, Robert John
 Oosterhaven, Wilma Ann
 Otte, Corwin R.
 *Ottipoby, Collins James
 *Pelon, John F.
 *Petroelje, Preston J.
 Phillips, Burt Wm.
 Phillips, Joan Marie
 *Phillips, John Stacey
 *Pierce, Edna Mae
 *Plomp, William Jerald
 Post, Joyce Elaine
 *Postma, A. Donald
 Priest, George Joseph
 *Radcliffe, Margaret Juanita
 *Rauschenbach, Alfred
 Reineke, George Einer
 *Richards, Ruth Elaine
 *Richards, William Louis
 *Richardson, Elwin Jr.
 *Riekse, Marian Jean
 Robinson, N. Eleanor
 Roest, Suzellen Claire
 *Rooks, Wendell Jay
 Rozeboom, Luella Beth
 *Rycenga, Ted Jay
 *Rynbrandt, Anita June
 *Sauder, Allen Eugene
 *Sauder F. W.
 Saupe, Lynn Frank
 *Schall, Arthur John
 *Schipper, Vern James
 Scholten, Frances Divine
 *Schoonveld, Margaret Louise
 Schrier, Sally Ann
 Schultz, George Peter
 *Schultz, Robert A.
 Holland, Michigan
 Pittsburg, Pennsylvania
 Holland, Michigan
 Midland Park, New Jersey
 Midland Park, New Jersey
 New Brunswick, New Jersey
 Westwood, New Jersey
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Berwyn, Illinois
 Grand Rapids, Michigan
 Shaker Heights, Ohio
 Laguna, New Mexico
 Grandville, Michigan
 Zeeland, Michigan
 Lakewood, Ohio
 Chicago, Illinois
 Waldwick, New Jersey
 Redlands, California
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Freeport, New York
 Detroit, Michigan
 Dumont, New Jersey
 Park Ridge, New Jersey
 Berrien Springs, Michigan
 Williston Park, New York
 East Williamson, New York
 Grand Rapids, Michigan
 Sparkill, New York
 Marion, Ohio
 Holland, Michigan
 Coopersville, Michigan
 Spring Lake, Michigan
 Zeeland, Michigan
 Muskegon, Michigan
 Muskegon, Michigan
 Sheldon, Iowa
 Chicago, Illinois
 Zeeland, Michigan
 Poughkeepsie, New York
 De Motte, Indiana
 Holland, Michigan
 Evergreen Park, Illinois
 Chicago, Illinois

- Scribner, Peter
 *Shafer, Roger Glenn
 *Seszol, Stanley F.
 Sharp, Catherine W.
 *Shay, Merryn Charles
 Shilling, Connie
 Shoemaker, Arlene Ruth
 Short, Eleanore Louise
 Siebers, Delpha Louise
 Sikkema, LaVerne A.
 *Simpson, Russell Norman
 *Smallegan, John Edward
 Smith, Howard Dale
 Smith, Nancy Louise
 Smith, Thomas L.
 Smouse, Kenneth W.
 Snell, Barbara Ann
 *Speet, Herman
 *Staal, John
 Stap, Adelaide R.
 Stark, Richard Thomas
 Stegenga, Lillian
 *Sterk, Frank
 Sterken, Gordon Jay
 *Stevenson, Robert O.
 Stewart, Richard Dwayne
 *Stoppels, Robert M.
 Tellinghuisen, Duane Richard
 Ten Cate, John Jay
 Thatcher, Joyce Elizabeth
 Thomson, Beth Estelle
 Van Anrooy, John Albert
 Van Ark, Myron D.
 Van Arsdell, Jean
 Van Bruggen, Cornelia W.
 Van Den Biesen, Jean Anna
 Van De Wege, Edwin Jay
 Van Duzer, Marcia Lou
 Van Dyke, Robert Stuart
 Van Dyke, Russel Austin
 VanEenenaam, John Phillip
 Van Farowe, George Calvin
 Van Farowe, Helen Jane
 Van Ingen, Don Louis
 *Van Kampen, Donald Junior
 Van Keulen, James III
 Van Koevering, Keith C.
 Pleasantville, New York
 Schenectady, New York
 Fennville, Michigan
 Clifton, New Jersey
 Schenectady, New York
 South Holland, Illinois
 Hudsonville, Michigan
 Auburn, New York
 Grand Rapids, Michigan
 Morrison, Illinois
 Holland, Michigan
 Hudsonville, Michigan
 Holland, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Marseilles, Illinois
 Pottstown, Pennsylvania
 Holland, Michigan
 Grand Rapids, Michigan
 Grand Haven, Michigan
 Clifton, New Jersey
 Holland, Michigan
 Friesland, Wisconsin
 Grand Rapids, Michigan
 Plymouth, Michigan
 Gary, Indiana
 Sully, Iowa
 Sioux Falls, South Dakota
 Holland, Michigan
 Somerville, New Jersey
 Middlebush, New Jersey
 Grand Haven, Michigan
 Holland, Michigan
 Chicago, Illinois
 Kalamazoo, Michigan
 North Bergen, New Jersey
 Holland, Michigan
 Auburn, New York
 Grand Rapids, Michigan
 Rochester, New York
 Muskegon, Michigan
 Portage, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Zeeland, Michigan

Van Kolken, JoAnn	Holland, Michigan
Van Neuren, Barbara Ann	Grand Rapids, Michigan
*Van Slooten, Ben R.	Holland, Michigan
Van't Hof, William K.	Detroit, Michigan
Van Weelden, Marillyn Joyce	Kalamazoo, Michigan
Van Wingen, Thomas Lee	Grand Rapids, Michigan
*Van Wynen, Gerard	Holland, Michigan
Van Zoeren, Alicia Harriet	Schenectady, New York
Veltman, Kathleen S.	Winterset, Iowa
Ver Beek, Jeanne Elaine	Muskegon, Michigan
Verhage, Roger I	Sheboygan, Wisconsin
Ver Meulen, Jane Kathryn	Grand Rapids, Michigan
Visscher, Robert Dale	Hudsonville, Michigan
Visscher, Harrison C.	Hudsonville, Michigan
Vollmer, Ludwig William	Holland, Michigan
Vomastic, Barbara Frances	Shewano, Wisconsin
Votaw, Charles L.	Muskegon, Michigan
*Vruggink, Elmer H.	Hudsonville, Michigan
Vyverberg, Nancy Helen	Rochester, New York
Wagner, Robert Jay	Redlands, California
Whitford, Marilyn Joyce	Fennville, Michigan
Wierenga, Gertie	Rock Valley, Iowa
*Wieringa, Gardner H.	Hudsonville, Michigan
Wiersma, Leon C.	Holland, Michigan
*Wildman, Jas. R.	Aurora, Illinois
Winship, Robert Edward	Leonia, New Jersey
*Wojahn, Robert Wm	Holland, Michigan
Wolbrink, Marilyn Jane	Hudsonville, Michigan
*Wolfe, William W.	Coeymans, New York
Woods, Barbara Joan	Somerville, New Jersey
Workman, John Edward	Muskegon, Michigan
Yamaguchi, Yuriko	New York, New York
Zelouf, Victor	Basrah, Iraq
*Zimmerman, Andrew F.	Raritan, New Jersey
Zuroff, John	New York, New York
Zwemer, Frank Lanus	Lakewood, Ohio
*Zwemer, Roy D.	Holland, Michigan

FRESHMAN

Adams, Doris Gertrude	Sheboygan Falls, Wisconsin
*Adler, Edward E. Jr.	Holland, Michigan
Albers, Robert Paul	Holland, Michigan
Allen, Donald Charles	South Haven, Michigan
Andrews, Nancy Helen	Delmar, New York
Bakker, Dewey	Holland, Michigan
Barendse, Gordon Jay	Holland, Michigan
Barkel, Marilyn Fay	Holland, Michigan

Beach, Clinton F.	Rochester, New York
Beekman, Arlene Ruth	Holland, Michigan
Bennett, James Robert	Holland, Michigan
Berkompas, Lloyd A.	Byron Center, Michigan
Bernius, Julia Tanner	Baldwin, New York
Beuker, John T.	Marshall, Michigan
Bishop, Raymond Culvery	Teaneck, New Jersey
Blankestyn, Percy Richard	Momence, Illinois
Bluekamp, Paul	Holland, Michigan
Bochniak, Lenna	Williamsburg, Michigan
Bocks, William Michael	Holland, Michigan
Bolthouse, Elaine Carol	Spring Lake, Michigan
Bont, Eugene Merlin	Grand Rapids, Michigan
Borgman, Clayton Howard	Muskegon Heights, Michigan
Bos, Alyce Joan	Ellsworth, Michigan
Bos, Robert Charles	North Muskegon, Michigan
Bos, Ronald	Holland, Michigan
*Bouman, Kenneth P.	Holland, Michigan
Brandt, Donald Jack	Grand Rapids, Michigan
Bremer, A. Wm.	Holland, Michigan
*Bremer, John Jr.	Holland, Michigan
*Brink, Robert George	Plymouth, Michigan
Brinks, Donald	South Haven, Michigan
Brinza, Kenneth Charles	Cleveland, Ohio
Brokaw, Raymond William	Neshanic Station, New Jersey
Brown, James H.	Bronx, New York
Bruins, Barbara Anne	Douglaston, L. I., New York
Buckhout, Paul W.	Battle Creek, Michigan
Bussies, Gil Jr.	Holland, Michigan
Butcher, Larry Fred	Saranac, Michigan
Buttles, Mary Celia	Holland, Michigan
Buttles, Molly Angela	Holland, Michigan
Caldwell, Richard Chester	Hasbrouck Heights, New Jersey
Cary, Mildred	Flemington, New Jersey
Cook, Betty D.	Holland, Michigan
Cottrell, James R.	Schenectady, New York
Cousar, Robert Charles	Bergenfield, New Jersey
Cox, Gordon Ellsworth	Chicago, Illinois
Crichton, David	Irvington, New Jersey
Crist, Carol Steward	Holly, Michigan
Cross, O. Betty	Niagara Falls, New York
Cuddeback, Kenneth Louis	Port Jervis, New York
Cupery, Harold Sydney	Randolph, Wisconsin
Curtis, Caryl Jane	Holland, Michigan
Damstra, Barbara Jean	Grand Rapids, Michigan
Deacon, Elayne Helene	Wykoff, New Jersey
DeLoof, Yvonne Ruth	Holland, Michigan

- DeNeut, Marjorie Ann
 Dennison, Robert Artson
 DePree, Gordon
 *De Spelder, James Francis
 DeValois, Margaret F.
 *DeVette, Ben Charles
 DeVries, James Marvin
 DeWolf, Beverly Jean
 *De Young, Delbert Norman
 De Young, Donald Henry
 De Young, Kenneth N.
 Dobben, Clifford George
 *Doig, Donald Bruce
 Dowd, Betty Anne
 Drenten, Tom E.
 Droppers, Muriel Jane
 Du Mez, John Robert
 Dunster, June Joy
 Dykstra, Ervin Ford
 Eastman, Marian Joyce
 *Edwards, Ivan Eugene
 *Elliot, Verne Leslie
 Engvold, Helen C.
 Ensing, Hardy
 Erickson, Kenneth Henry
 *Estell, William Henry
 Eustace, Gorda Rae
 Fabonmi, Lawrence A.
 Failor, Marilyn Hilda
 Fasch, Ethel M.
 Finlaw, William Whitiear
 Fredricks, Marva Gae
 Freeberg, Joan Elaine
 Friderici, Arthur Jonns
 Friedberg, Donald D.
 Galler, Louise Alice
 *Geenen, Adrian Cornelius
 *Georgia, Willard Edwin Jr.
 Gore, Genevieve
 *Gore, Gloria
 *Grevengood, Donald John
 Gross, Joseph W.
 Grote, Patricia L.
 Hager, David John
 Hall, Phyllis MaryAnn
 Hansen, Irving Russell
 Haringsma, Doris
 Grand Rapids, Michigan
 Glen Ridge, New Jersey
 Zeeland, Michigan
 Grand Haven, Michigan
 Holland, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Rochester, New York
 Friesland, Wisconsin
 Grand Rapids, Michigan
 Sparta, Michigan
 North Muskegon, Michigan
 Birmingham, Michigan
 Livingston, New York
 Grand Rapids, Michigan
 Sheboygan, Wisconsin
 Holland, Michigan
 New Brunswick, New Jersey
 Marion, South Dakota
 Holland, Michigan
 Holland, Michigan
 Traverse City, Michigan
 Schenectady, New York
 Hudsonville, Michigan
 Brooklyn, New York
 Freehold, New Jersey
 Manhasset, New York
 Lagos, Nigeria
 Oostburg, Wisconsin
 New Brunswick, New Jersey
 Brooklyn, New York
 Muskegon Heights, Michigan
 New York, New York
 Amsterdam, New York
 Flushing, L. I., New York
 Waupun, Wisconsin
 Holland, Michigan
 Teaneck, New Jersey
 Traverse City, Michigan
 Traverse City, Michigan
 Highland Park, Michigan
 Brooklyn, New York
 New Brunswick, New Jersey
 E. Grand Rapids, Michigan
 E. Saugatuck, Michigan
 Muskegon, Michigan
 Holland, Michigan

- | | |
|----------------------------|-------------------------------|
| *Harper, Robert Michael | Saugatuck, Michigan |
| Hartley, Carol S. | Fenton, Michigan |
| Harvey, L. James II, | Grand Rapids, Michigan |
| Henninges, Robert Walter | Ridgefield Park, New Jersey |
| Herder, Anna E. | Three Bridges, New Jersey |
| Heuvelman, Kenneth J. | Jamestown, Michigan |
| Hezinger, Annette | Brooklyn, New York |
| *Hilldore, Lawrence Edward | Racine, Ohio |
| Hobler, Aurora Geraldine | Union City, New Jersey |
| Hoebeke, Alice Jean | Grand Rapids, Michigan |
| Hoener, Edmund | Hasbrouck Heights, New Jersey |
| Hoffman, Donald Wayne | Grand Rapids, Michigan |
| Hoffman, Norma Martha | Bayside, L. I., New York |
| *Holtrop, Claus Aruid | Ferrysburg, Michigan |
| Houtman, Mary Ruth | Holland, Michigan |
| Huff, Richard Earle | Schenectady, New York |
| Hulst, Kenneth Dale | Holland, Michigan |
| Hulst, Muriel Joan | Holland, Michigan |
| Hunt, Jack | Fraser, Colorado |
| Huyser, Ivan R. | Holland, Michigan |
| Inglis, Donald R. | Bayside, L. I., New York |
| Ireland, Barbara Jean | Fenton, Michigan |
| Jekel, Eugene Sekel | Holland, Michigan |
| *Johnson, Albert Leonard | King Ferry, New York |
| *Johnson, Donald Carl | Holland, Michigan |
| Johnson, Geralene | Holland, Michigan |
| Johnson, John Alfred | Rochester, New York |
| Johnson, Rose Susanne | South Haven, Michigan |
| Kamphuis, Robert Wayne | Holland, Michigan |
| Klaus, Herbert J. | Floral Park, New York |
| Kleyn, Hazel Nancy | Indianapolis, Indiana |
| Kloote, Wm. J. | Grand Rapids, Michigan |
| Korteling, May Louise | Chittoor Dist., So. India |
| Koeller, Norman Frank | Ridgefield Park, New Jersey |
| Koepe, Ruth E. | Chang Chow, Fukien, China |
| Kooiker, Gwen H. | Holland, Michigan |
| Kooiman, Donald D. | Grand Rapids, Michigan |
| Kots, Warren | Danforth, Illinois |
| Kramer, Rodger Evan | Holland, Michigan |
| Kranendonk, Jean Grace | Oostburg, Wisconsin |
| Kreun, Edith Hazel | Chandler, Minn. |
| Kromann, Paul Roger | Holland, Michigan |
| Kruizenga, Richard John | Spring Lake, Michigan |
| Kuiper, Kenneth Wayne | Holland, Michigan |
| Laing, William Davis | Manuet, New York |
| Lampen, Laverne | Zeeland, Michigan |
| Lankenau, Arnold Clarence | Grand Rapids, Michigan |

- Lanting, Derk Roelof
 Lawson, Helen Linda
 Lawson, Sallie Ann
 Leach, Phyllis Ann
 Leafstrand, Douglas James
 Leese, Patricia Jane
 Leestma, Vernon Jay
 Lemmen, Douglas Ray
 Liffers, Ernest Howard
 Lintow, Alexina Christie
 Lippert, Nancy Jane
 Lockwood, Robert Harris
 Lokker, Don Roger
 Loula, Louise Ann
 *Lovelace, Leroy
 Lowery, Marion Jean
 Lubbers, Earle
 *Lumley, Ronald
 Lumsden, Roy Stewart
 Maassen, Leona Ruth
 Macy, Robert Curtis
 Marcusse, Jacqueline Mae
 Marion, Richard William
 Mayo, Eunice Leah
 *McConnell, Kenneth B.
 McCormick, Finlay Aden
 *McLaren, John
 McLellan, Ian Nelson
 Mellema, Jack H.
 Menkir, Yohannes
 Mennenga, Ruth Helene
 Michael, Selim
 Millspaugh, Eliese Helen
 *Milne, Raymond Cleatus Jr.
 *Mitsos, Paul James
 Moes, Dale Eugene
 *Monroe, Donald D.
 Monroe, Hariette Irene
 Muktar, Kamil Elias
 Mulder, William Jr.
 Mulder, Yvonne Claire
 Naden, Helen Jean
 Nash, Betty Jane
 Nelson, Andrew Roosevelt
 Nelson, Harry A.
 Nienhuis, John S.
 Nieusma, Dick
 East Lansing, Michigan
 Hillsdale, Michigan
 St. Clair, Michigan
 Park Ridge, New Jersey
 North Muskegon, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Teaneck, New Jersey
 Yonkers, New York
 Birmingham, Michigan
 Teaneck, New Jersey
 Holland, Michigan
 Berwyn, Illinois
 Brewton, Alabama
 Paterson, New Jersey
 Holland, Michigan
 Yonkers, New York
 Niagara Falls, New York
 Friesland, Wisconsin
 Hasbrouck Heights, New Jersey
 Holland, Michigan
 Pompton Lakes, New Jersey
 New Brunswick, New Jersey
 Holland, Michigan
 Schenectady, New York
 Dearborn, Michigan
 Grosse Point, Michigan
 Zeeland, Michigan
 Addis Ababa, Ethiopia
 Holland, Michigan
 Baghdad, Iraq
 Catskill, New York
 Pittsfield, Massachusetts
 Gary, Indiana
 Holland, Michigan
 Gary, Indiana
 Lansing, Michigan
 Basrah, Iraq
 Holland, Michigan
 Oostburg, Wisconsin
 Chicago, Illinois
 Holland, Michigan
 Union, New Jersey
 Muskegon, Michigan
 Cadillac, Michigan
 Holland, Michigan

- Nordhoff, James Ira
 Northcott, Carol Virginia
 *Nyitray, John
 Olert, Mary Bond
 *Olsen, Lois May
 *Owens, Richard James
 Paarlberg, Ralph
 Paffendorf, James A.
 Parson, Hendrik
 Parsons, James E.
 Pas, Patricia Ann
 Peekstok, Duane Gerald
 *Peterson, Robert W.
 Peverly, Robert Thomas
 *Piers, Vernon James
 Plasman, John Russell
 Pool, Raymond William
 Poppen, Albert Walcott
 *Pritchard, James Edward
 Putman, William P.
 Pyle, Shirley Geraldine
 Rabey, Catherine Arlene
 Reece, John L.
 Renkema, Loren Earl
 *Reynolds, Charles John
 *Ribbens, Edward John
 *Rieck, Norman Wilbur
 Ritter, Thomas F.
 Robinson, Sally Ellen
 *Roeth, Robert L.
 *Romano, Michael
 Ross, Robert C.
 Rowan, Melvyn Filkins
 Ryan, Molly Lou
 Schipper, Eunice Irene
 *Schipper, Ronald Maurice
 Schmidt, Elizabeth Helen
 *Schoonveld, Arthur
 Schoonveld, Martha Miwnette
 *Sealander, Edward Daniel
 Siderius, Annette
 Siderius, Jeanette
 Silcox, Amy Roberta
 *Sims, Jay B. Jr.
 Skelton, John Ruxin
 Slotsema, Ruth Joan
 Smedema, James Gordon
 Muskegon, Michigan
 Saginaw, Michigan
 Kalamazoo, Michigan
 Grosse Pointe, Michigan
 Batavia, New York
 Rochester, New York
 South Holland, Illinois
 Metuchen, New Jersey
 Bombay, India
 Norristown, Pennsylvania
 Zeeland, Michigan
 Kalamazoo, Michigan
 Muskegon, Michigan
 Albany, New York
 Holland, Michigan
 Manchester, Massachusetts
 Midland Park, New Jersey
 Amoy, China
 Sharon, Pennsylvania
 Muskegon, Michigan
 Paterson, New Jersey
 Douglaston, Long Island, New York
 Pleasantville, New York
 Hudsonville, Michigan
 Schenectady, New York
 Holland, Michigan
 Union City, New Jersey
 Petoskey, Michigan
 Bayside, Long Island, New York
 North Bergen, New Jersey
 Harrison, New Jersey
 German Valley, Illinois
 Cohoes, New York
 Muskegon, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Ridgewood, New Jersey
 De Motte, Indiana
 Summit, Illinois
 Crandon, Wisconsin
 Lansing, Illinois
 Lansing, Illinois
 Brooklyn, New York
 Grand Haven, Michigan
 Ridgewood, New Jersey
 Grand Rapids, Michigan
 Cambria, Wisconsin

- Smit, Jennie Lorraine
 Smith, Irma Jane
 Spruit, Joan Marilyn
 *Spykerman, John Ellis
 Starks, Edsylv Wood
 Steketee, Robert Erle
 Steketee, Marilyn Ann
 Stewart, Florence Amelia
 Stickels, Edward Leroy
 Stolberg, Charlotte Grace
 Strengholt, Roy Dale
 Stryker, James Gordon
 Stuit, Marcia Ruth
 Sutliff, John Lee Jr.
 Tempas, Ruth G.
 Ten Brink, Dorothy Ruth
 Ten Brinke, Nellie Hermoine
 Ter Haar, Clayton Eugene
 Thomas, Gordon Edward
 Thomas, Gayle S.
 Thompson, Dick Chandler
 Thompson, James Franklin
 Tien, John Wesley
 Tripp, Wayne Nellis
 Turkstra, Brunette Jacoba
 Twigg, Paula Jean
 Van Bronkhorst, Louise
 Van Dahm, Howard J.
 Vander Kolk, Alvin Lee
 Vander Muil, Lorraine
 Vander Toll, Jay Warren
 Vander Velde, John C.
 Vander Wall, Helen
 Vander Werff, William
 Vanderwerp, JoAnn Marcia
 Vande Water, Randall Paul
 Van Dis, Neil George
 Van Dorple, Jack J.
 *Van Dort, Dale Roger
 Van Duine, Pauline
 Van Gessel, Douglas Raymond
 Van Harn, Mary Ardella
 Van Heest, Cornelius Albert
 Van Heest, Jacqueline Lucille
 Van Lare, Carol D.
 Van Raalte, Mary Fern
 Van Raden, Walter Martin
 Summit, Illinois
 Skaneateles, New York
 Grand Rapids, Michigan
 Holland, Michigan
 Chatham, New York
 Holland, Michigan
 Holland, Michigan
 Ballston, Spa., New York
 Holland, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Niskayuna, New York
 Hingham, Wisconsin
 Holland, Michigan
 Grandville, Michigan
 Holland, Michigan
 Saugatuck, Michigan
 Saugatuck, Michigan
 Neshanic, New Jersey
 South Haven, Michigan
 Holland, Michigan
 Wynantskill, New York
 Hilversum, Netherlands
 Seattle, Washington
 Nooksack, Washington
 Holland, Michigan
 Zeeland, Michigan
 Summit, Illinois
 Louisville, Kentucky
 Holland, Michigan
 Zeeland, Michigan
 Yonkers, New York
 Muskegon, Michigan
 Holland, Michigan
 South Haven, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Paramount, California
 Zeeland, Michigan
 Catskill, New York
 Catskill, New York
 Holland, Michigan
 Holland, Michigan
 Forrester, Illinois

Van Tuinen, Elaine Phyllis	Grand Rapids, Michigan
Van Zoeren, Carol Jean	Zeeland, Michigan
*Van Zyl, Gail B.	Holland, Michigan
Van Zyl, Verna R.	Holland, Michigan
*Veenschoten, Elin Aris	So. Fukien, China
*Veenstra, Lawrence Eugene	Muskegon, Michigan
Veldhuis, Chester Laverne	Hudsonville, Michigan
Veldman, Marilyn Ruth	Orange City, Iowa
Veltman, Arthur S.	Grand Rapids, Michigan
Ver Schure, Marvin Dale	Holland, Michigan
Visser, Roger Leonard	Holland, Michigan
Vollmer, Irene Lucille	Holland, Michigan
Voorhans, Robert Gerald	Sheboygan, Wisconsin
Voss, Melvin John	St. Anne, Illinois
Wagemaker, Herbert	Grand Rapids, Michigan
Walters, Elma Jean	Holland, Michigan
Watson, Ann Elizabeth	Saugatuck, Michigan
Weisiger, Richard Kendall	Wykoff, New Jersey
*Welton, Robert B.	Holland, Michigan
Westra, Thelma Mae	Indianapolis, Indiana
Wierenga, Barbara Lou	Grand Rapids, Michigan
Wilson, David P.	E. Chatham, New York
Wines, Catherine Priscilla	South Haven, Michigan
Winfield, Jeanette Marguerite	Englewood, New Jersey
*Wise, Richard Groat	East Lansing, Michigan
Wiseley, Daniel James	Whitmore Lake, Michigan
Wisner, Clint Wheeler	Warwick, New York
Wissink, Charles J.	Grand Rapids, Michigan
Wolters, Rose Arlene	Holland, Michigan
*Wood, William Lionel	Holland, Michigan
Woodruff, Jean Louise	Elbridge, New York
Wright, Mary Jane	Winterset, Iowa
Yifru, Ketema	Harrar, Ethiopia
Yonkman, Fredrick Albers	Madison, New Jersey
*Yurash, Bernard	Holland, Michigan
Zech, Mildred L.	Berrien Springs, Michigan
Zelinka, Anthony F.	Chicago, Illinois
*Zuverink, George Jr.	Holland, Michigan
Zweizig, Mary Louise	Zion, Illinois
Zwemer, Charles B.	Holland, Michigan
Zwiep, Clair	Holland, Michigan

SPECIALS

Baker, Betsy	Holland, Michigan
Boreel, Johan Jacob	The Hague, Netherlands
Borr, Barbara	Holland, Michigan
*Boss, Willis Simon	Zeeland, Michigan

Botkin, Charles	McWhorter, Kentucky
Buis, Shirley L.	Cicero, Illinois
Camp, Janet	Holland, Michigan
Elzinga, Muriel J.	Hamilton, Michigan
Emmons, Harriet Florence	Holland, Michigan
Everett, Ransom W.	Holland, Michigan
Fabunmi, Lawrence	Ilawe, Ikiti, Nigeria
Froelich, Ellen Reuker	Holland, Michigan
*Geary, John J.	Passaic, New Jersey
Gnade, Edith E.	Schenectady, New York
Hanhart, Karel	Heemstede, Netherlands
Holleman, Jantina Wilhelmina	Springfield, South Dakota
Huizenga, Evelyn June	Zeeland, Michigan
Keane, Queenie M.	Holland, Michigan
Kleis, Carl Mark	Holland, Michigan
Lejeune, James F.	Holland, Michigan
Marklein, Lothar K. W.	Straubing, Germany
*Mulder, Raymond Jax	Holland, Michigan
Prins, Edward	Holland, Michigan
Pritchard, Mrs. Margaret L.	Sharon, Pennsylvania
Scharf, Dorothy	Hamilton, Michigan
Scheerens, Dan G.	Holland, Michigan
Smith, George	Holland, Michigan
Stegink, Jack Edward	Holland, Michigan
Steketee, Katherine	Holland, Michigan
Vollink, Lois Gayle	Zeeland, Michigan
Wieghmink, Dale W.	Holland, Michigan

SUMMER SESSION 1948

*Adler, Edward Earthmond	Holland, Michigan
*Allman, Paul W.	Eldon, Iowa
*Anders, Howard D.	Oak Park, Illinois
Arwe, Alfred H.	Boonton, New Jersey
*Anderson, Hubert Halleck	Hobart, Indiana
*Barendse, Eugene Edward	Holland, Michigan
*Beereboom, John J.	Holland, Michigan
*Beld, Gordon G.	Grand Rapids, Michigan
*Bennett, William Charles	Weehawken, New Jersey
*Bhe, Robert D.	Marion Center, Pennsylvania
*Bixby, Louis W.	Holland, Michigan
*Blakeslee, Wayne Paul	Rockford, Michigan
Bloemendaal, Dick Cornelius	Zeeland, Michigan
Bloemendaal, William	Zeeland, Michigan
*Boeve, Ted E.	Zeeland, Michigan
*Borr, James Jr.	Holland, Michigan
Bos, Harold Gibson	River Forest, Illinois
Bosch, Jack Lee	Muskegon, Michigan

- *Boss, Donald
- *Bouwman, Harlen Cornelius
- Breen, Peter James
- Brooks, Louis V.
- *Buis, Harry
- *Buursma, George Henry
- *Coleman, Alwin Beverly
- Conlon, Susan Elizabeth
- *Cook, Gerard Earl
- *Cook, James Ivan
- Cousins, Annette Beryl
- *Crawford, Donald E.
- *Curtiss, George Melvin
- *Dalman, Rodger H.
- Dawson, Joyce Ann
- *Decker, Rodger W.
- *De Groot, Earl
- *Deising, Rolland E.
- *De Kok, Paul W.
- *De Loof, Gerard
- *De Spelder, James Francis
- *De Weerd, Lowell
- *De Young, Jacob J.
- *Dick, Leonard John
- *Dolnik, Joseph J.
- Downs, Mrs. Beverly Jeane
- *Duiker, Vernon Eugene
- *Ebneth, Alex
- *Edwards, Ivan Eugene
- Elenbaas, Emeline
- Evers, Donald R.
- Everse, Esther Endora
- *Fisher, Harold Stuart
- *Forsten, John H.
- French, Margaret A.
- *Froelich, Robert C.
- *Funkes, Arnold Jay
- Gerritsen, George Contant
- *Glerum, Richard Zimmer
- *Grissen, Harold
- Gross, Eunice Elsie
- *Groth, Harold Paul
- *Haberland, John Adrew
- *Haight, Ernest E.
- *Hall, Robert Stuart
- *Heasty, Alfred Russell
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- Coopersville, Michigan
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- Rochester, New York
- Holland, Michigan
- Brooklyn, New York
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- Holland, Michigan

*Herman, Jack Paul	Elmhurst, Long Island, New York
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*Oosterbaan, Norman	Holland, Michigan
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 *Van Singel, Gerald P.
 *Van Wieren, Harvey Dale
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 Woodstock, Minnesota
 Denver 10, Colorado
 Holland, Michigan
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 Holland, Michigan

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*Ver Hey, William J.	Holland, Michigan
Ver Lee, Virginia Ellen	Holland, Michigan
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*Weber, Lawrence R.	Holland, Michigan
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*Wildman, James N.	Holland, Michigan
*Wise, Stephen Paul	Dunbar, Pennsylvania
*Wojohn, Robert William	Holland, Michigan
*Wolbert, Harris Jay	Holland, Michigan
Workman, Anna Ruth	Central Lake, Michigan
Workman, Clarice H.	Muskegon, Michigan

SUMMARY

		MEN	WOMEN	TOTALS
Seniors	Veterans	114	1	115
	Non-vets	35	59	94
	Totals	149	60	209
Juniors	Veterans	165	4	169
	Non-vets	83	73	156
	Totals	248	77	325
Sophomores	Veterans	85	0	85
	Non-vets	118	92	210
	Totals	203	92	295
Freshmen	Veterans	48	1	49
	Non-vets	160	122	282
	Totals	208	123	331
Specials	Veterans	5	0	5
	Non-vets	9	15	24
	Totals	14	15	29
Grand Total	Veterans	417	6	423
	Non-vets	405	361	766
	Totals	822	367	1189

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Michigan	664	Texas, 1; Maryland, 1;	
New York	173	North Carolina, 1; Okla-	
New Jersey	109	homa, 1; Missouri, 1; Wash-	
Illinois	74	ington, 2; Connecticut, 1;	
Wisconsin	38	New Hampshire, 1; New	
Iowa	25	Mexico, 1.	
Indiana	11	Iraq	10
Ohio	11	China	6
Pennsylvania	11	Netherlands	7
California	7	South India	3
South Dakota	5	Ethopia	2
Minnesota	3	Mexico	1
Massachusetts	3	Arabia	1
Alabama	3	Nigeria	2
Montana	2	Canada	1
Colorado	2	Germany	1
Florida	2		
Kentucky	2		1189

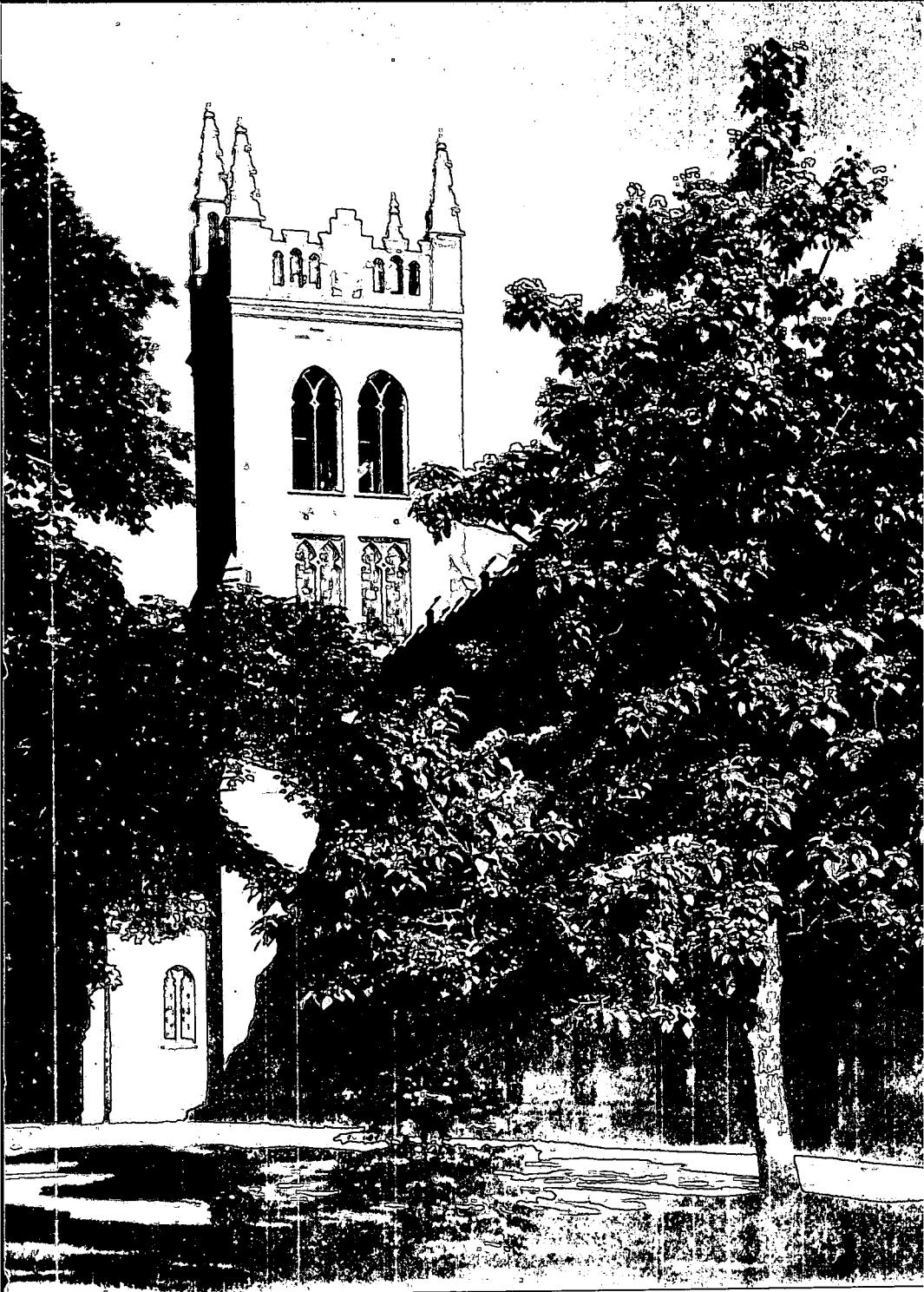
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AFFILIATION

Reformed Ch. in America	707	Lutheran	18
Christian Reformed	98	Roman Catholic	14
Presbyterian	94	Evangelical	6
Methodist	89	Jewish	3
Baptist	29	Christian Science	3
Episcopal	26	Prot. sects (less than 5 ea)	77
Congregational	25		1189

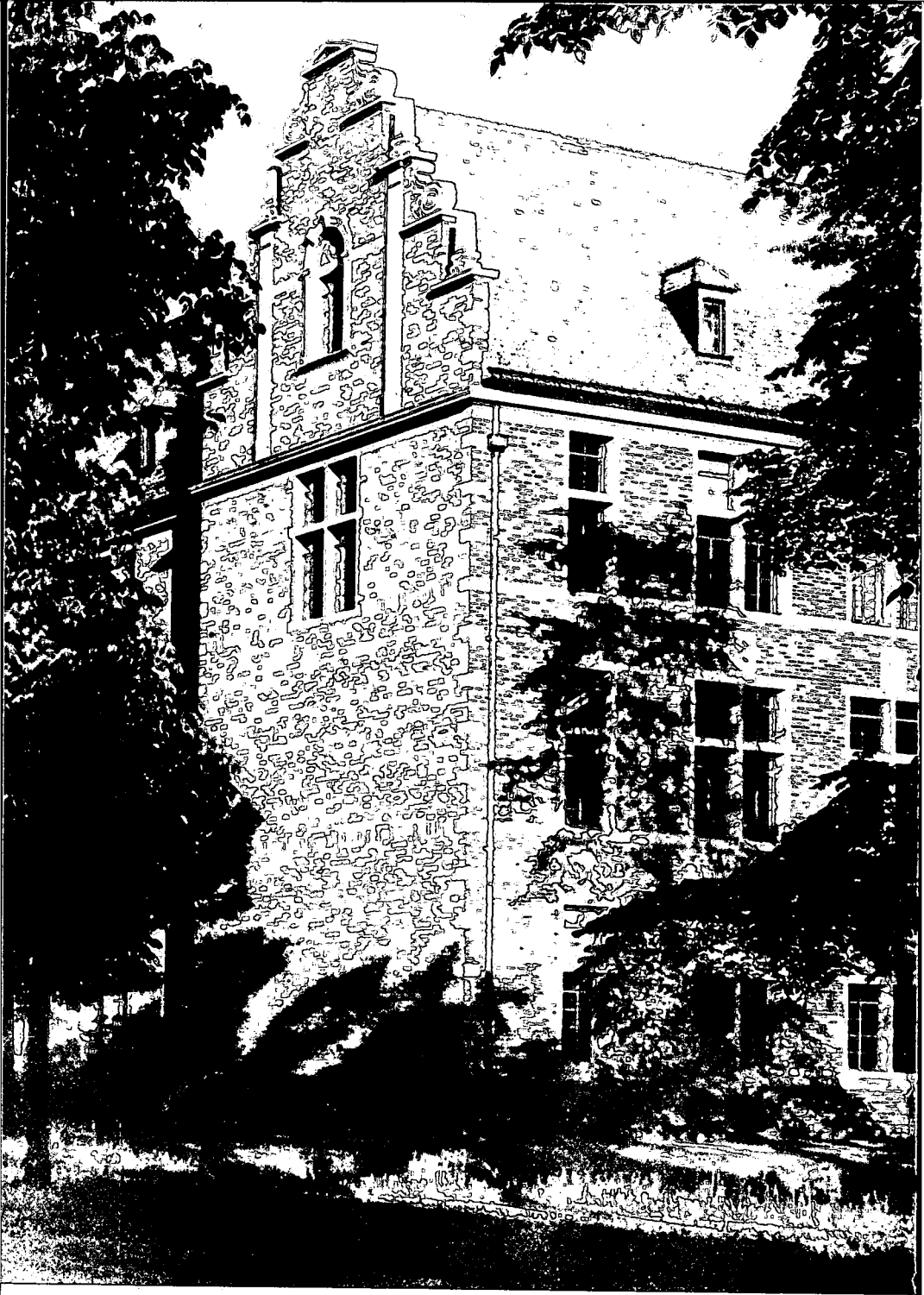
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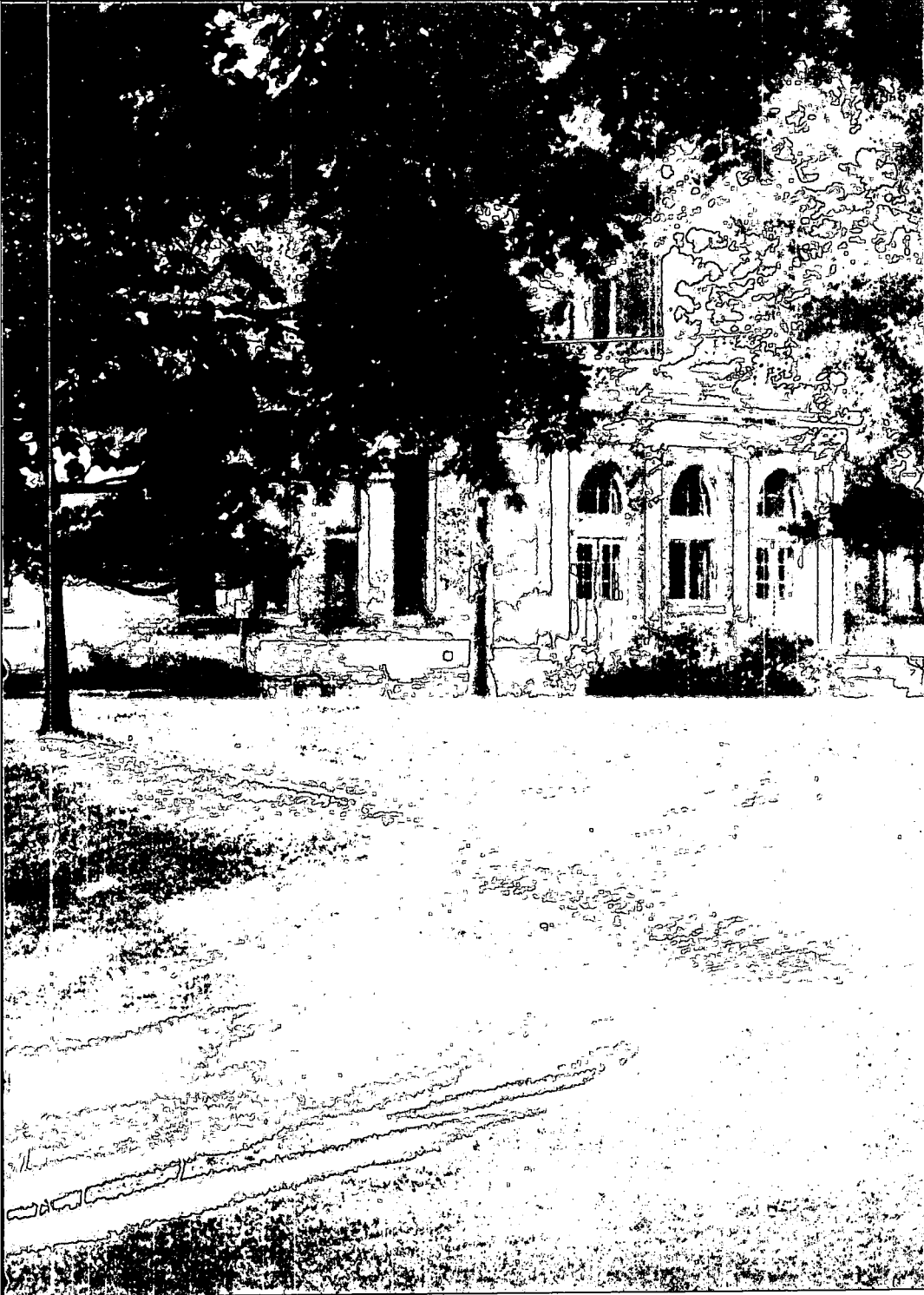
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